CONSTRUCTION NEWS

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

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Bids close — *See Eng. News-Record*

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Sept. 23 Fort Wayne, Ind. .....Sept. 16
Sept. 23 Florida .....Sept. 16
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Sept. 17 Phila., Pa. .....Sept. 16
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Sept. 20 Waukegan, Ill. .....Sept. 16
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Sept. 21 Brooklyn, N. Y. .....Sept. 16
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Sept. 23 Mt. Carmel, Pa. .....Sept. 16
Sept. 28 Dayton, O. .....Sept. 2
Sept. 29—Kings Park, N. Y. .....Sept. 16
Adv. Sept. 9 and 16.
Oct. 1 Birmingham, Ala. .....Sept. 16

Bids close — *See Eng. News-Record*

Oct. 1 Cincinnati, O. .....Sept. 16
Oct. 19 Indianapolis, Ind. .....Aug. 26
Nov. 15 Duluth, Minn. .....July 15

Buildings—Industrial

Sept. 18 Sheboygan, Wis. .....Sept. 16
Sept. 27 Newark, N. J. .....Sept. 16

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Sept. 17 Peabody, Mass. .....Sept. 16
Sept. 20 Evanston, Ill. .....Sept. 16
Sept. 21 Raleigh, N. C. .....Sept. 16
Sept. 21 Detroit, Mich. .....Sept. 16
Sept. 22 Woonsocket, R. I. .....Sept. 16
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Sept. 25 Wausau, Wis. .....Sept. 16
Sept. 27 Battle Creek, Mich. .....Sept. 9
Sept. 27 West Allis, Wis. .....Sept. 16
Sept. 28 Rahway, N. J. .....Sept. 9
Sept. 30 Wash., D. C. .....Aug. 26
Oct. 1 Storrs, Conn. .....Sept. 2

Federal Government Work

Sept. 21 Wire Fence—Lake City, Fla. .....Aug. 26
Sept. 21 Bulkhead—Hampton, Va...Sept. 2
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Sept. 21 Remodeling — Durham, N. C. .....Sept. 16
Sept. 22 Improvements—Great Lake (mail Waukegon) Mich. ..Sept. 16
Sept. 24 Gates—Louisville, Ky.....Aug. 26
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Sept. 24 Remodeling—Freeport, Ill..Sept. 16
Sept. 25 Dredging—Oakland, Calif..Sept. 9
Sept. 27 Remodeling — Milwaukee, Wis. .....Sept. 16
Sept. 28 Storehouse, etc.—Sunmount, N. Y. .....Aug. 26
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Sept. 28 Remodeling—Kewanee, Ill.Sept. 16
Sept. 29 Remodeling — Spokane, Wash. .....Sept. 16
Sept. 30 Equipment—Wash., D. C..Sept. 2
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Sept. 30 Stand Pipe—Boston, Mass.Sept. 16
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Oct. 7 Assembly Shops — Dayton, O. .....Sept. 16
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Oct. 9 Dwellings—Wash., D. C...Sept. 16
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Oct. 12 Hoists, etc.—Denver, Colo..Sept. 16
Adv. Sept. 16.
Oct. 16 Dredging — Port Chester, N. Y. .....Sept. 16
Adv. Sept. 16.
Oct. 18 Dredging—Baltimore, Md..Sept. 16
Adv. Sept. 16.

Unclassified

Sept. 21 Guard Rail—Pocahontas, Ia. .....Sept. 16
Sept. 21 Tunnel—Boston, Mass. ...Sept. 9
Sept. 22 Platform extensions — New York .....Sept. 9
Sept. 22 River Terminal — Baton Rouge, La. .....Sept. 16
Sept. 23 Pier—San Francisco, Calif.Sept. 9
Sept. 24 Pier Shed — New York, N. Y. .....Sept. 16
Sept. 24 Reptile House—St. Louis, Mo. .....Sept. 16
Sept. 24 Subway—New York, N. Y..Sept. 16
Sept. 24 Entrance, etc.—New York, N. Y. .....Sept. 16
Sept. 24 Tracks—Long Island City, N. Y. .....Sept. 16
Sept. 27 Railroad Crossing — Phila., Pa. .....Sept. 16
Sept. 30 Generator—Newark, N. Y..Sept. 9
Adv. Sept. 9 and 16.

See proposal advertising on page 141

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Jointing Water Mains

Laying 20-in. c. i. water mains with LEADITE joints thru rough and mountainous country.

Whether you are building an entirely new system or making an extension, laying large or small mains, you will save time, money and labor by using LEADITE.

In making a LEADITE joint NO CAULKING is necessary. Just yarn the joint and pour it full of molten LEADITE; it is an easy and quick operation.

LEADITE allows you to lay more pipe per day. This means getting water into the line without delay.

The quicker you get water to the consumer, the sooner the line produces revenue.

LEADITE makes the work easier on the men by eliminating much of the drudgery of pipe laying. You know what this means in the cold of winter and the heat of summer, and in bad trenches.

The varied applicability of LEADITE makes it the ideal material for jointing cast iron B. & S. water mains.

You will use LEADITE sooner or later as its advantages cannot help but appeal to you favorably.

Familiarize yourself with LEADITE now.

LEADITE does not corrode or rust.

Users know LEADITE makes a good joint.

LEADITE joints improve with age.

LEADITE has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with LEADITE are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close	*See Eng. News-Record*
Oct. 1	Subway—New York, N. Y. Adv. Sept. 9 and 16. Sept. 9
Oct. 15	Subway—New York, N. Y. Adv. Sept. 9 and 16. Sept. 9
Nov. 1	Buildings, etc.—New Zealand ..... July 1

Materials

Bids close	*See Eng. News-Record*
Sept. 20	Frogs, Structural Steel, etc. —Phila., Pa. ..... Sept. 16
Sept. 20	Fuel Oil—Chicago, Ill. .... Sept. 16
Sept. 22	Frames, etc.—New York .. Sept. 16
Sept. 27	Structural Steel, and Galvanized Steel Cable—Phila., Pa. ..... Sept. 16
Nov. 3	Cable—Melbourne, Australia ..... Sept. 16

News of New Work

Waterworks

Proposed Work

Mass., Gloucester — City, c/o Fay, Spofford & Thorndike, archts., 44 Bromfield St., Boston, having plans prepared 1 story brick pumping station. $50,000.

N. J., Jersey City — Bd. City Comrs. appropriated $30,000, water pipe fittings, hydrants, etc. for extention mains in various streets. E. J. Holland, city clk.

Pa., Phila.—See "Unclassified."

Miss., Biloxi — Voted $196,000 bonds, waterworks extensions and distribution system, etc. Hawkins & Madding, Biloxi, and Gulfport, engrs. Noted May 20.

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., plans extending 13,690 ft. 6- to 12-in. mains in 6 avenues and Connors Creek Rd. G. H. Fenkell, 176 East Jefferson Ave., genl. mgr.

Ia., Leon—Voted $30,000 bonds, waterworks improvements. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Eldorado — Making surveys and plans new water supply. $440,000 bonds voted. Black-Veatch Eng. Co., 701 Mutual Bldg., Kansas City, Mo., engrs. Noted Aug. 19.

Neb., Scott Bluffs—Election Sept. 21, $35,000 bonds, improving water system.

N. D., Dickinson—Making plans 1 m.g. concrete reservoir, new test well for additional water supply, dam and filtration plant on Heart River Point, 3 mi. southwest of here. $100,000. H. J. Gruschus, comr. water works.

N. D., Mandan—Defeated $176,000 bonds, repairing and constructing 1 m.g. concrete reservoir, second service water main and filtration system. Noted Aug. 19.

Mo., Clarence—Making preliminary plans waterworks, incl. impounding reservoir, tank on tower, filtration plant and distribution mains, also sanitary sewerage system. W. B. Rollins & Co., 521 Exch. Bldg., Kansas City, engrs.

Mo., Deepwater—Defeated $50,000 bonds, waterworks and sanitary sewerage system. Russell & Axon, 412 McDaniel Bldg., Springfield, engrs. Noted July 1.

Mo., Lilbourn—Election soon bonds to exceed $15,000, waterworks and sewers in various streets. A. C. Moore, 4th and Duquesne Sts., Joplin, engr.

Mo., Parma — Election about Oct. 1, $62,000 bonds, water system incl. 4- and 6-in. mains, and 8- to 12-in. sanitary sewers in various streets. Edward Flad & Co., 920 Chemical Bldg., St. Louis, engrs. Noted July 8.

Mo., Princeton—Defeated $37,000 bonds, improving waterworks. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engr. Noted Aug. 19.

Tex., Big Sandy—Election Sept. 28, $35,000 bonds, complete warterworks. Municipal Eng. Co., 1107 Athletic Club Bldg., Dallas, engrs.

Tex., Boerne—Election Sept. 28, $40,000 bonds, waterworks improvements, incl. drilling wells in hills around city as source of supply. Address mayor.

Tex., Clyde—Election Sept. 28, $60,000 bonds, complete waterworks and sewerage system. Municipal Eng. Co., 1107 Athletic Club Bldg., Dallas, engrs.

Tex., Lisbon—Election Sept. 25, $65,000 bonds, complete waterworks. Dalton & Parker, 319 Wilson Bldg., Dallas, engrs.

Tex., Marfa—Election Sept. 21, $114,000 bonds, complete waterworks and sewerage system. Municipal Eng. Co., 1107 Athletic Club Bldg., Dallas, engrs.

Okla., Dustin—Making preliminary plans new well, pumps, 3,900 ft. 4 in. c.i. mains, etc. $18,000. A. C. George, mayor. Engineer not announced.

Okla., Loyal—Made preliminary plans new waterworks. $20,000. S. G. Luten, mayor. Engineer not selected.

Okla., Ringwood — Making preliminary plans new waterworks, incl. 10,700 ft. 2- to 6-in. c.i. mains, deep well pump, 50,000 gal. capacity tank on tower. $18,000. Engineer not announced.

Okla., Seminole—Plans new deep wells, reservoir, pumps, motors, 26,600 ft. 4- to 8-in. c.i. mains, etc. $65,000 bonds voted. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Aug. 12 and 26.

Okla., Shawnee—Plans waterworks extensions and improvements. To exceed $150,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted July 22.

Okla., Warwick—Made preliminary plans new waterworks. $18,000. T. W. Johnson, mayor. Engineer not selected.

Wash., Seattle—Plans 10 mi. 8- to 10-ft. concrete pipe line between intake at Landsburg and Lake Youngs in Cedar River Watershed. $2,000,000-$3,000,000.

Wash., Seattle—Plans drilling 10 ft. water tunnel under navigable Lake Union Canal to carry 54 in. steel main from Cedar River to Maple Leaf Reservoir.

Wash., Yakima—Soon takes bids waterworks, incl. intake at Oak Flats and pipe line to reservoir to be constructed at Cowiche Heights. $100,000. C. F. Wilson, city engr.

Calif., El Segundo — Plans to purchase 1,200 ft. 4 in. Class B (or equal) B & S cast iron pipe. R. T. Hutchins, city engr.

Calif., Orange — Plans election $35,000 bonds, waterworks improvements.

Calif., Ventura — Making preliminary plans waterworks improvements. $200,000. Burns & McDonnell En Co 402 Interstate Bldg., Kansas City, Mo., engrs.

Ont., Port Arthur—Council plans extending waterworks. $200,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Port Arthur—Making plans extending waterworks, etc. $1,000,000. J. Antonisen, City Hall, city engr. James, Proctor & Redfern, 36 Toronto St., Toronto, consult. engrs.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Sask., Lucky Lake—Plans waterworks.

Sask., Vilbank—Soon takes bids waterworks.

Bids Desired

Conn., Hartford—Sept. 30, by Bd. Water Comrs., Municipal Bldg., 2 covered masonry filters, regulator house and connecting pipe lines, etc., Contr. 34. F. D. Berry, secy.; adv. E. N.-R. Sept. 16.

N. Y., West Hempstead (mail Garden City)—Sept. 30, by Bd. water Comrs., West Hempstead, Hempstead Gardens Water Dist., Fire House, Victory Turnpike, 15 mi. 6- to 12-in. pipe lines, 300,000 gal. elevated steel tank, etc. C. E. Marshall, 266 Fulton Ave., Hempstead, engr.; adv. E. N.-R. Sept. 16.

Pa., Phila.—Sept. 23, by Dept. Pub. Works., Bureau of Water, small pipe lines in streets to be repaved, Contr. 824. G. H. Biles, dir.

N. C., Carrboro—Sept. 24, by T. N. Mann, mayor, 3 mi. 6, 8 and 10 in. c.i. mains and 2.12 mi. 2 in. galvanized steel mains, also 4½ mi. sanitary sewers, steel tower and tank, 100,000 gal. capacity. G. C. White Co., Durham, engrs.

N. C., Old Fort—Sept. 24, by F. M. Bradley, mayor, and Bd. Aldermen, 7,500 ft. 8 and 10 in. c.i. pipe, also 500,000 gal. reservoir, etc. Spoon, Lewis & Camp, Greensboro, and Asheville, consult. engrs. Noted Sept. 9.

Fla., Ft. Lauderdale—Oct. 5, by City, B. J. Horne, city mgr., constructing 7 wells. Solomon, Norcross & Keis, Ft. Lauderdale, engrs.; adv. E. N.-R. Sept. 16.

La., Franklin—Sept. 28, by City Clerk, 20 m.g. earth reservoir, lake pump and suction well, booster pumping station, 500,000 gal. concrete reservoir, etc. $150,000. H. A. Mentz, Citizens Bank Bldg., Hammond, engr.

Tenn., Memphis—Oct. 20, by Bd. Water Comrs., J. Sheahan, genl. supt., air compressor, boiler, etc., for Parkway Pumping Sta., North Parkway and Dunlap St.; adv. E.N.-R. Sept. 16.

Mich., Detroit—Set. 23, by Dept. Purchases & Supplies, Marquette Bldg., 776 gate valves for Water Dept. G. H. Fenkell, 176 East Jefferson Ave., engr.

Mich., Detroit — Oct. 20, by Bd. Water Comrs., 176 East Jefferson Ave., constructing Sects. 1 and 2 Springwells Tunnel. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Sept. 16.

Ill., Downers Grove—Sept. 27, by Bd. Local Impvts., 3,700 ft. 12 in. and 240 ft. 6 in. c.i. pipe, 6 fire hydrants, three 12 in. double gate valves, etc., $17,111. R. Mann, City Hall, engr.; also 8,475 ft. 10- to 15-in. storm water drains, etc., in Special Assessment 114, to E. M. Scheflow, Elgin, $12,045.

Wis., Milwaukee—Sept. 20, by Bd. Pub. Wks., R. E. Stoelting, comr., 11,740 ft. 6- to 16-in. mains in various streets.

Wis., Milwaukee—Sept. 21, by Bd. Pub. Wks., R. E. Stoelting, comr., 14,000 ft. 6- to 12-in. mains in various streets.

Minn., Minneapolis—Oct. 5, by F. S. Gram, city purch. agt., deep well pumping equipment for municipal auditorium (now under construction). N. W. Elsberg, city engr.

S. D., Brookings—Sept. 20, G. H. Stoddart, city aud., 18,775 ft. 8 to 15 in. sewers, etc. in various streets, $30,000. Dakota Eng. Co., Mitchell, engrs.

Mo., St. Louis — Oct. 26, by Bd. Pub. Serv., 208 City Hall, two 30 m.g.d. to 35 m.g.d high two 40 m.g.d. to 60 m.g.d. and one 60 m.g.d. to 120 m.g.d. low pressure steam drain, centrifugal pumps. $600,000. J. Pritchard, dir.

Ark., Prairie Grove—Sept. 22, by Comrs. Dist. 2, C. H. Sherman, chn., 350,000 gal. rein.-con. reservoir, 14,000 ft. 6 and 8 in. vitr. or concrete pipe, 41,150 ft. 4- to 8-in. c.i. pipe, 55,000 ft. trenching, 25 fire hydrants, 58 gate valves, etc. E. M. Ratliffe, Fayetteville, engr. Noted June 17.

Okla., Coweta—Sept. 27, by J. Gill, city clk., 10,180 ft. 4- to 8-in. c.i. mains, etc. in various streets. $20,000. W. E. Davis, Cole Bldg., Tulsa, engr. Noted Sept. 2.

Okla., Rush Springs — See "Contracts Awarded."

Bids Received

Mass., Cambridge (Boston P. O.)—Concrete relining reservoir, Payson Park, at Belmont, from M. M. Devine, 45 Purchase St., Boston, $132,500.

Mass., Clinton—For 170 m.g. reservoir, etc., from C. E. Horne, North Main St., Milbury, $54,439. Noted Aug. 5.

N. Y., White Plains—E. Halpin, Jr., comr. Pub. Wks., Sept. 7, 9 m.g. distributing reservoir, etc from M. Delfinno, 9 North Highland Ave., Ossining, $227,000. Noted Aug. 26.

O., Cleveland — Reconstructing coagulation basins, from Stange Constr. Co., 2315 Fairmount Rd., $186,900. Noted Aug. 26.

O., Youngstown—East Side stand pipe at Logan Extension and McGuffy Rd., to serve Coitsville Dist., 300,000 gal. capacity, from Chicago Bridge & Iron Wks., 2101 Old Colony Bldg., Chicago, Ill., $25,090.

Mich., Detroit—Mortenson-Nicholson Co., 18,259 ft. 6 and 8 in. c.i. mains in Sect. 1 Mortenview Sub-division, from Coolsaet Bros., 12734 Michigan Ave., $27,413; Sect. 2, from W. G. Hoy Co., Toll St., $8,312. Noted Sept. 9.

Contracts Awarded

Mass., South Braintree (Ind. br. Boston) —Town, Water Comrs., concrete and steel standpipe, to Pittsburgh-Des Moines Co., 50 Church St., New York City. Noted Sept. 2.

Conn., Winchester — Torrington Electric Light Co., 1 m.g. storage reservoir, for steam turbines, incl., 100 x 600 ft. concrete and earth dam, to Barbara & D'Aurio Co., 63 Bank St., Waterbury. Engrs. est. $100,000. Noted Sept. 2.

Constr. News page 180

Knocks Out Detour Sign for 100,000 Motorists

In repairing a road intersection on State Highway No. 18, La Grange Park, Ill., officials used Quick-Hardening *Universal* Concrete and completed the improvement in 3 *days* instead of 3 *weeks* without inconvenience to 100,000 motorists.

"Open for Business" 3 Days After Placing Concrete

Use of Quick-Hardening *Universal* Concrete in the driveway of its new filling station in Effingham, Ill., made it possible for the Roxana Petroleum Corp. to open the station for business in 3 *days* instead of 3 *weeks* after work was done and thus cash in early on the spring demand for gas.

ANY of your work where the element of *time* is important is suited to the advantages of Quick-Hardening *Universal* Concrete.

Fully tested methods for obtaining strong concrete in 3 *days* with standard *Universal* cement, the same quality *Universal* regularly used, are being successfully applied on jobs of all kinds. The examples shown on this page are typical of many jobs.

For full details, send in the coupon below.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Highways Repaired With Least Delay to Traffic

Road builders repaired sections of West Virginia mountain roads with a minimum delay to traffic by using Quick-Hardening *Universal* Concrete that gives as high a strength in 3 *days* as ordinarily is obtained in 28 *days*.

Saves Time In Street-Car Paving Job

By using Quick-Hardening *Universal* Concrete for paving between rails, the Rockford Traction Co. opened car service on a main line in Rockford, Ill., days earlier than scheduled.

Warehouse Rushed to Completion

Thru use of Quick-Hardening *Universal* Concrete, Shelby Construction Co., Shelbyville, Ind., removed forms in 30 hours and rushed a new warehouse to completion.

Universal Portland Cement Co.
210 South La Salle Street,
Chicago

Without obligation, please send me detailed information on methods for securing strong concrete in 3 *days* with standard *Universal* cement—the same quality *Universal* regularly used.

Name _____

Address _____

ENR-9-16-26

Waterworks (Continued)

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Aqueduct Ave., etc., to Sareno Constr. Co., 1959 Calden Ave., $16,500. Noted Sept. 9.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Central Park, to Beaver Eng. & Contg. Co., 51 Chambers St., $29,731. Noted Sept. 9.

N. J., Red Bank—Boro Council, iron removal plant, to Maggi & Schoonover, Hawthorne, $42,995. Noted Aug. 5.

O., Cleveland—Reconstructing coagulation basins at Division Ave. filtration plant, to Stange Constr. Co., 2315 Fairmount Rd., $228,150; also Kirtland Pumping Station, 1 story, 65 x 100 ft., brick, steel and concrete, to Schirmer O'Hara Co., 1720 Euclid Ave., $101,682. Noted Sept. 9.

O., Parma (mail Berea)—See "Sewers."

O., South Euclid—See "Sewers."

Ill., Chicago—Dept. Pub. Wks., Room 406, City Hall, furnishing and delivering 770 tons 6 and 8 in. c.i. water pipe f.o.b. cars at various city pipe yards, to Natl. Cast Iron Pipe Co., 122 South Michigan Ave., Chicago; and Tarrant City, Birmingham, Ala., at $47.20 per ton.

Ill., Downers Grove—See "Bids Desired."

Ill., Oblong—City Clerk, deep wells, 100,000 gal. tank on tower, pumping equipment, pumping station, 4- to 8-in. mains, etc., to Foote Bros., Jacksonville, $119,000.

Ill., Warsaw—For 80,000 gal. tank on 80 ft. tower, 3,080 ft. 4 and 6 in. c.i. mains, filtration plant, etc., to Johnson Constr. Co., Springfield, $37,668. Noted Aug. 5.

Ill., Wilmette—Waterworks in Gross Point Addition, 65, 150 ft. 6- to 12-in. c.i. mains, 71 gate valves, 122 fire hydrants, etc., to C. M. Porter, 111 West Washington St., Chicago, $153,526; also concrete paving various alleys, to W. H. Goelitz Co., Oak Park, $10,080. Noted Sept. 2.

Wis., Cudahy—See "Sewers."

Wis., Milwaukee—Central Bd. Purchases, 500 tons plain straight 8 in. c.i. water pipe, to Glamorgan Pipe & Fdry. Co., 122 South Michigan Ave., Chicago, Ill., $47.40 per ton.

Kan., Hillsboro—Waterworks, to C. L. Burt, 1005 North Washington St., Hutchinson, $88,256.

Mo., Buffalo—City Clerk, approximately 5 mi. 2- to 8-in. pipe line, to R. W. Langston, 717 South Pickwick St., Springfield, $7,280; deep well pump and motor, to Keystone Driller Co., 12th and Illinois Sts., Joplin, $2,447. Noted Aug. 19.

Tex., Amarillo — Waterworks improvements, incl. steel tower and 500,000 gal. steel tank, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill., and Praetorian Bldg., Dallas, $34,400; also storage reservoir, pumping station, foundation for tank and tower, to Kimball Constr. Co., Amarillo, $176,000. Noted Aug. 12.

Tex., Amarillo—For 4 water wells, to P. J. Judy, Amarillo, $55,600. Noted Aug. 12.

Tex., Childress—Waterworks extensions, incl. 4- to 12-in. c.i. pipe, to Orman Constr. Co., Pueblo, Colo., and Wichita Falls, $37,112. Noted Sept. 2.

Okla., Rush Springs—Carter Oil Co. will build 12 mi. water main extension to Grady Co. oil fields, incl. 67,000 ft. 8 in. pipe, gas engines, pumps, etc., by company forces. $150,000. Engineer not announced.

Wash., Tacoma — City Comrs., 25 m.g. North End Reservoir, and 1 m.g. standpipe, to Gerrick & Gerrick Co., Central Bldg., Seattle, $155,431 and $20,740 respectively. Engrs. est. $225,000.

Wash., Wenatchee — East Wenatchee Domestic Water System, incl. 22 mi. steel pipe line, to Hillsboro Pipe & Investment Co., Hillsboro, Ore., $100,000.

Calif., Redlands—Filter plant, to Calif. Filter Co., Merchants Exch. Bldg., San Francisco, $30,746. Noted Aug. 12.

Sewers

Proposed Work

N. J., Trenton—Freeholders Mercer Co. plan 2 mi. storm drain at Shady Brook, Hamilton Twp., near here. $135,000. H. F. Harris, Court House, engr.

Miss., Meridian—Voted $125,000 bonds, sewer extensions in various streets.

O., Canton—Council takes bids in fall, constructing East Side sanitary trunk sewer. $275,000. W. E. Sarver, City Hall, engr.

O., Salem—Plans new sewage disposal plant replacing present one now declared inadequate. $50,000-$75,000.

Ill., Lebanon — Bd. Local Impvts., rejected bids July 21 37,889 ft. 8- to 15-in. vitr. clay and 2,340 ft. 3 in. c.i. sewers, etc. in various streets. Will readvertise. Caldwell Eng. Co., 36 North Side Sq., Jacksonville, engr.

Wis., La Crosse—Made plans approximating 1 mi. 36 in. rein.-con. or segmental block outlet sewer in Logan St. To exceed $25,000. C. C. Congdon, City Hall, engr.

Minn., Elk River—W. F. Chadbourn, city recdr., plans sanitary sewerage system and disposal plant. $40,000. Toltz, King & Day, Builders Exch. Bldg., St. Paul, engrs.

Minn., St. Paul—Voted $1,500,000 bonds, constructing Kittsondale sewerage system in Midway Dist. Noted Aug. 12.

Kan., Robinson—Soon takes bids sewerage system. $30,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Mo., Cape Girardeau—Making plans relief storm sewers in Dist. 1. $100,000-$150,000. E. L. Sailer, City Hall, engr.

Mo., Clarence—See "Waterworks."

Mo., Deepwater—See "Waterworks."

Mo., Marshall—Plans storm sewers in various streets. To exceed $25,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, engrs.

Mo., Parma—See "Waterworks."

Mo., St. Louis—Making preliminary plans vitr. clay, brick or vitr. tile in concrete sewers in West Rock Creek Joint Sewer Dist., $95,000; and segmental block or brick sewers in Cheltenham Sewer Dist., $23,000. W. W. Horner, 300 City Hall, engr.

Nev., Sparks — Plans election $50,000 bonds, improving sewers in various streets. King & Malone, Cladinos Bldg., Reno, engrs. Noted Mar. 12.

Tex., Clyde—See "Waterworks."

Tex., Cooledge—Making preliminary surveys, etc., complete sewerage system and disposal plant. Election soon $35,000 bonds for same. J. H. Gamel, mayor.

Tex., Marfa—See "Waterworks."

Tex., Midlothian — Making preliminary plans sewerage system and disposal plant. $40,000 bond election soon.

Tex., Raymondville—Election Sept. 28, $50,000 bonds, complete sewerage system and disposal plant. J. E. Johnson, city engr.

Tex., San Antonio—Making preliminary plans rein.-con. open storm sewer line from Hackberry St., to Roosevelt Ave. $75,000. I. Ewig, city engr.

Tex., Wichita Falls—Election Sept. 30, $100,000 bonds, sanitary sewers in various streets. W. E. McBroom, city secy. Noted June 1.

Okla., Medford—Election Oct. 5, $30,000 bonds, 19,900 ft. 8- to 12-in. vitr. clay sewers, etc., in various streets. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Okarche—Made preliminary plans new sewerage system, incl. septic tank, 15,700 ft. 6- to 10-in. vitr. clay pipe, etc. in all streets. $26,000. G. Dusbabek, mayor. Engineer not selected.

Okla., Okeene—Defeated $47,000 bonds for sanitary sewerage system. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 2.

Okla., Shawnee—Making plans extending sewers in various streets. $200,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Okla., Tecumseh—Election Sept. 18, $70,000 bonds, new sewerage system, incl. 21,600 ft. 6- to 12-in. vitr. clay pipe, etc. in all streets. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engr. Noted Aug. 12.

Okla., Wellston—Made preliminary plans new sewerage system, incl. Imhoff tank, 20,100 ft. 6- to 12-in. vitr. clay pipe, etc. in all streets. $28,000. J. C. Milliken, Chickasha, engr.

Calif., Bakersfield—Made plans 15,722 ft. 6 and 8 in. vitr. sewer in Sewer Dist. 542. W. D. Clarke, city engr.

Calif., Los Angeles—Making plans rein.-con. storm drain in Verdugo Rd., etc. To exceed $300,000. L. W. Armstrong, 242 South Bway., city engr. for Storm Drains & Structures.

Calif., Los Angeles—Plans 8- to 15-in. sewers in Eagle Rock Blvd., Laverna, Fair Park Aves., etc. To exceed $25,000.

Bids Desired

Mass., Boston—Sept. 20, by Dept. Pub. Wks., sewerage works in Park Ave. and Lasell St., West Roxbury; Sept. 22, in Hillside St. Dorchester; and Sept. 28, in Stratford St., Woodward Rd. and Boxford Terrace, West Roxbury. $25,000. J. H. Sullivan, comr.

R. I., Providence—Sept. 20, by Bd. Contr. & Supply, sewerage works in Maude, Shafter and Convent Sts. $25,000. Private plans.

Conn., Wallingford—Sept. 28, by Warden and Court of Burgesses at Bor. Office, sewers and appurtenances in 9 streets. W. A. MacKenzie, boro engr.; adv. E. N.-R. Sept. 16.

N. Y., Brooklyn—Sept. 22, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, sewers between 10th and 11th Sts. from a line 200 ft. south of Avenue V to Avenue Y, etc.

N. Y., Buffalo—Oct. 4, by Commissioner Pub. Wks., Municipal Bldg., rein.-con. storm drain to care for storm water of Scajaquada Creek; adv. E. N.-R. Sept. 16.

N. Y., Jamestown—Sept. 28, by City at office L. A. Bergman, dir. Pub. Wks., City Hall, constructing sewage treatment plant. H. B. Cleveland, 38 Park Row, New York City, engr.; adv. E. N.-R. Sept. 16.

N. J., Haddon Heights—Sept. 20, by Boro, excavating and 10,222 lin.ft. 8 in. terra cotta sanitary sewers, etc. in South Park Ave., Prospect Ridge Blvd. and Sycamore St. J. J. Albertson, boro engr.

Pa., Phila.—See "Unclassified."

Md., Baltimore—Sept. 22, by Bd. Awards, storm drains and sanitary sewers in Sewer Dist. J-4, Storm Water Contr. 92. M. J. Ruark, 311 Courtland St., sewerage engr.

N. C., Carrboro—See "Waterworks."

Fla., Miami—Sept. 22, by City Comn., pumping station and sewers in Sewer Impvt. Dists. 213, 214, 215 and 216, furnishing complete pumping equipment, underground sanitary sewerage pumping station, 4,610 ft. 20 and 24 in. redwood, 8,364 ft. 8- to 24-in. vitr and 2,250 ft. 16- to 24-in. c.i. pipe, 3,580 ft. 6- and 8-in. vitr. or con. house connections, etc. $120,000. C. S. Nichols, Miami, engr.

Fla., Sanford—Sept. 27, by City Comn., 4,920 ft. 8- to 21-in. sanitary and 4,500 ft. 48- to 96-in. 1 in. circular segment block storm sewers in various streets. W. B. Williams, city mgr.

O., Akron—Sept. 23, by W. F. S. Peters, dir. Pub. Serv., 4,230 ft. 8 to 30 in. vitr. sewers in East Exchange St., $39,300, 2,200 ft 30 to 39 in. in Merriman Rd. Outlet $25,500, and 1,840 ft. 24 to 54 in. in South High and Bartges Sts., $36,700. J. E. Root, Municipal Bldg., engr.

Ill., Chicago—Oct. 7, by H. E. Wallace, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., West Side Sewage Treatment Works, Div. B in Village and Twp. of Stickney. M. Eller, chn.; adv. E. N.-R. Sept. 16. Noted June 17.

Wis., Milwaukee — Sept. 18, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., main sewer, Sect. 2 Grand Ave. extension, in Wauwatosa Twp. T. C. Hatton, c/o owner, engr.

Wis., Milwaukee — Sept. 23, by Metropolitan Sewerage Comn., 508 Market St., constructing Mud Creek Sewerage Booster Sta. J. H. Fowles, secy.

Minn., Waite Park—Sept. 20, by L. A. Cleall, village recdr., 22,000 ft. 8- to 15-in. sanitary sewers, etc., in various streets. S. S. Chute, St. Cloud, engr.

Mo., West Plains—Sept. 21, by V. Simons, city clk., City Hall, 75,890 ft. 6 to 12 in. sewers, 2,430 cu.yd. rock excav., 255 manholes, 9 flush tanks 1,850 ft. 1 in. flush tank connection, etc., Contr. A; and sewage disposal plant complete, Contr. B. Russell & Axon, McDaniel Bldg., Springfield, engrs. noted Sept. 2.

Calif., Santa Cruz — S. A. Evans, city clk., taking bids concrete storm drain in Laveaga, Branciforte Sts., East Santa Cruz, (Seabright Drainage Dist.). J. K. James, city engr.

Bids Received

Mass., Salem—South Essex Sewerage Bd., Fort Ave., Sept. 8, c.i. harbor and river crossings, Contr. 5, from Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $644,113, and c.i. on land, Contr. 6, from General Contg. Co., Bath, Me., $107,507. Noted Aug. 19.

N. Y., Brooklyn—State Hospital Comn., Albany, Sept. 8, sanitary work and sewage connection to city sewerage system at Brooklyn State Hospital, here, from S. L. Snyder Co., 260 West 41st St., New York City, Proposal 1 $20,400 and Proposal 2 $18,300. Noted Aug. 12.

N. Y., Marcy — State Hospital Comn., Albany, Sept. 8, sanitary work and extending storm sewers at Marcy Div. Utica State Hospital, here, from S. A. Cullen, Inc., 8-12 Central Ave., Cohoes, Proposal 1 $19,767. Proposal 2 $8,842. Noted Aug. 12.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Sept. 1, 1 story, basement and sub-basement, 65 x 139 ft., brick, steel and concrete pumping station at Northeast Sewage Treatment Works, Wheatsheaf Lane East of Richmond St., from Edward Fay & Son, 2 South Male St., $384,000; mechanical equipment, from C. M. Brown & Co., Lafayette Bldg., $193,486; and electrical work, from W. V. Pangborne, 1927 West Montgomery St., $88,984. Noted Aug. 26

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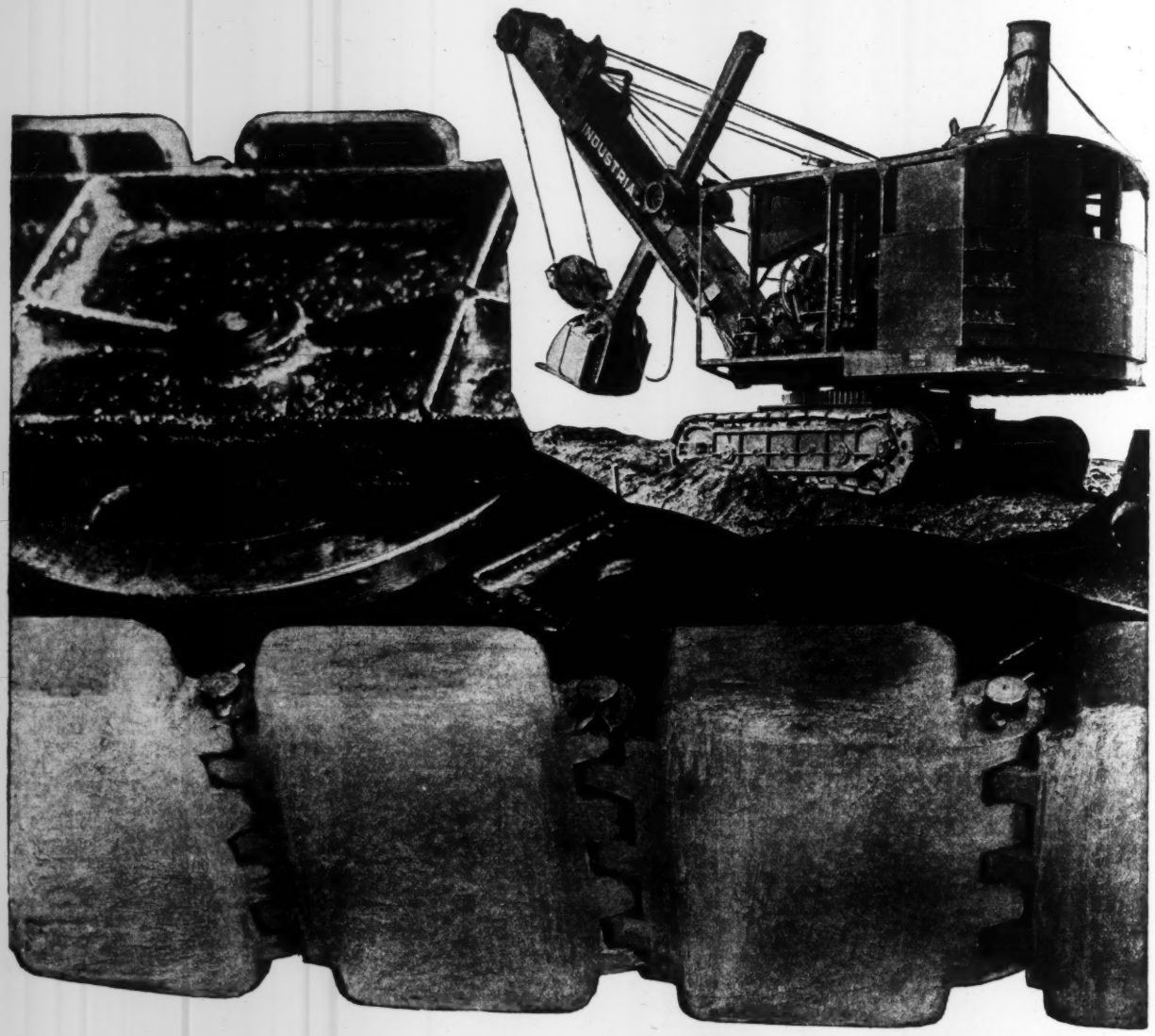

SHOES

THE tractor shoes on the INDUSTRIAL type DC are large and of the close-fitting type. They present a smooth bearing surface to the ground and do not injure pavements—when it is necessary to travel on them.

It is impossible for stones and dirt to become lodged between the shoes because of their design. No obstruction can cause damage to the tractor belt because of the large, wide, close-fitting shoes—a remarkable feature. On soft ground, where other crawlers are likely to stall, these wide treads carry the type DC without difficulty, wherever the operator wants to go.

Steam, gasoline, electric or Diesel driver cranes, shovels or draglines.

INDUSTRIAL WORKS - - - BAY CITY, MICHIGAN

Sewers (Continued)

Ky., Ft. Thomas—Contract 1 of Ft. Thomas Sewerage System, incl. 18,221 ft. 4 to 18 in. vitr. clay pipe, etc., from G. K. Kohlbarger, Marietta, O., $66,830. Engrs. est. $77,000. Noted Apr. 22.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Sept. 8, from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., concrete sewers in Atkinson Ave. $2,145, Auer Ave. $764, Cleveland Ave. $936, Rusk Ave. $635, Becker St. $758, 40th St. $2,149, 41st St. $1,824, 42nd St. $1,946, 24th St. $1,147, and Wilcox St. $988, from G. E. Zimmermann, 3402 Grand Ave., Pease St. $9,125, from Wenzel & Henoch Constr. Co., 198 27th St., 32nd St. $58,038; and from H. Hohensee, Ludington Ave., Wauwatosa, 6 in. monolithic concrete outlet sewer, outlet structure, and drop shaft in Trowbridge Ave. $212,986.

Wash., Seattle—Bd. Pub. Wks., Aug. 27, 24,266 ft. 6- to 30-in. sewers in Alki Ave., et al., from Badolato & Arcorace, P. O. Box 561, $88,721. Engrs. est. $111,432.

Calif., Los Angeles—Sewers in Annandale Blvd. between Oak Crest Way and Eucalyptus Lane, from F. Chutuk, 1242 Bonnie Beach, $93,775; and in alley south of Jefferson St. between 11th and Mansfield Aves., from M. Simunovich, 3305 West 6th St., $40,792. Noted July 8.

Contracts Awarded

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in West 231st St., to D. Tambone, 2408 Bathgate Ave., $49,580. Noted Sept. 9.

New Jersey—North Bergen Twp. Com., Central Outlet sewerage system and disposal plant, to Clinton Asphalt Co., 308 Charles St., Weehawken, $1,543,399.

Pa., New Eagle—For 4 mi. sanitary sewerage system, to A. Carpanelli, Charleroi, $38,861.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, branch sewers in Adams and Chelton Aves., to M. Battaglini, 733 Montrose St. $6,760 and $6,012 respectively, Tilden St., to A. Casiatto, 1602 Wharten St. $11,815, Hunting Park Ave., to P. Pinciatti, 4103 Roosevelt Blvd. $1,105, Venango St., to V. S. Campellone, 4842 North Leithgow St. $1,871; main sewer in Wissahickon Level catching sewer, to P. and A. J Ellis, 4th and Wyoming Sts., $151,356; inlet and laterals, to A. J. Henderson, 825 East Washington Lane, $38,675; and removing old and constructing new sewers in 11th St., to Higgins & Reilly, Real Estate Trust Bldg., $70,237. Grand total $287,831.

Md., Baltimore—Bd. Awards, 4,165 lin.ft. 12- to 20-in. vitr. sewer, also 10,300 lin.ft. 8 in. vitr. sewer and drain in various sewer districts. Contr. 238, to N. Martell, 417 South Eden St., $47,544. Noted Aug. 26.

Miss., Ellisville — For 29,072 ft. 6- to 15-in. sewers, etc. in various streets, to F. D. Harvey & Co., 688 South Bellevue St., Memphis, Tenn., $33,000. Noted Aug. 5.

O., Akron—For 2,240 ft. 8- to 36-in. vitr. clay sewers in Hillcrest St., et al, to Shullo & DeLuca Constr. Co., 140 North Summit St., $9,851; 3,325 ft. 8- to 20-in. in Hammel St., et al, to A. Biaselli & Son, 938 Pitkin Ave., $7,412; 17,535 ft. 8- to 42-in. in Dan St., et al, to Lloyd Contg. Co., Xenia, $81,165; and 6,060 ft. 10- to 24-in. in Mull Ave. et al, to R. Buckley, 1412 Beechview Ave., Pittsburgh, Pa., $29,546, Grand total $127,974. Noted Sept. 9.

O., Cleveland—Comrs. Cuyahoga Co., 7,000 ft., 6 to 54 in. brick sewer in Belrose Ave. and Ridgebury Blvd., Impvt. 307, to Janashak & Callow, 13606 Union Ave., $51,979. Noted Aug. 26.

O., Parma (mail Berea)—Sewers and water mains in 8 streets in Stateway Allotment, to W. P. Burkhardt, 3905 West 20th St., Cleveland, $38,770; and in 7 streets in Southland Allotment, to Hanna Michael Constr. Co., Huron-Sixth Bldg., Cleveland, $42,877.

O., South Euclid—For (a) sewers and (b) water mains in 3 streets, to Marra Constr. Co., Union Trust Bldg., Cleveland, (a) $15,160, (b) $7,059; sewers and water mains in 2 streets, to George & Ameen Co., Erie Bldg., Cleveland, $7,148; water-mains in 1 street, to M. Iafornaro Co., 2280 Murray Hill Rd., Cleveland, $25,984. Grand total $55,351. Noted Sept. 2.

O., West Jefferson—E. E. Gregg, village clk., 21,950 ft. 8- to 18-in. vitr. sewers, etc., in various streets, to Barthelaw & Son, Lorain, $43,197. Noted Aug. 19.

Ind., Indianapolis—Bd. Wks., constructing Westfield Blvd. Sewer, to Columbia Constr. Co., 2108 Columbia Ave., $212,250. Engrs. est. $213,000. Noted June 17.

Mich., Detroit — Dept. Pub. Wks., Mill Road Sewer, Sect. 2, to Lennane & McIlvenna, 7777 West Chicago Blvd., $397,696; Mill Road Sewer, Sect. 3, and McGraw Ave. Arm, Lonyo Rd. Sewer, to Detroit Drainage Constr. Co., Meyers Rd., $292,364 and $94,894 respectively; Mack Ave. Arm East and West Bedford Ave. Sewer, to P. Cappello, 9329 Kresge Bldg., $36,406; and Mack Ave. Arm East Ashland Ave. Sewer, to Waterway Constr. Co., $36,137. Grand total $858,097. Noted Sept. 9.

Ill., Wilmette—Sewers in Gross Point Addition, 63150 ft. 8- to 30-in. pipe, 241 manholes, etc., to R. S. Spalding, 608 South Dearborn St., Chicago, $177,158. Noted Sept. 2.

Wis., Cudahy—Sewer and watermains connections in various streets, to J. R. Williams, 716 Squire Ave., $40,000.

Minn., Buhl—Sewage disposal plant, to Buhl Plumbing & Heating Co., Buhl, $38,200. Engrs. est. $40,000. Noted June 10.

Minn., St. Paul—Maryland—Como Sewerage System, Contr. B, to O'Neill & Preston, 608 Exch. Bank Bldg., $222,000.

Kan., Hillsboro—Sewerage system and disposal plant, to C. L. Burt, 1005 North Washington St., Hutchinson, $47,120.

Neb., Holdrege—Improving sewers and sewage disposal plant, to Middle State Constr. Co., Hastings, $23,369. Engrs. est. $25,000. Noted Aug. 12.

Mo., Excelsior Springs—Sewers in various streets and enlarging sewage disposal plant here, to H. H. Carruthers, Inc., 3222 Cleveland St., Kansas City, $32,000. Engrs. est. $40,000. Noted July 8.

Tex., Childress—Extending sewers to outlaying districts, to Orman Constr. Co., Pueblo, Colo., $83,960. Noted Aug. 26.

Okla., Oklahoma City—North Side sewage plant and mains, Sects. C and D, to L. Sanders, 209 West 23rd St., $233,000. Noted Aug. 19.

Calif., Glendale—Sewers in Sewer Dist. 6, Alexander St., etc., to L. Massa, P. O. Box 453, Bell, $109,247.

Waste Disposal

Proposed Work

Calif., Santa Monica—Making preliminary plans 100 ton incinerator. $100,000. H. B. Carter, Santa Monica, engr.

Bridges

Proposed Work

Tenn., Nashville—Davidson Co. Highway Comn. retained Freeland & Roberts Co., consult. and designing engineers, Independent Life Bldg., to prepare plans bridge over Cumberland River, at Old Hickory. $1,000,000. Noted Aug. 12.

Ill., Quincy—City and Chamber Commerce making preliminary plans rein.-con. and steel bridge over Mississippi River. $950,000.

Ia., Iowa City—City and Chicago, Rock Island & Pacific R.R. Co., La Salle St. Sta., Chicago, Ill. C. A. Morse, ch. engr., plan viaduct. $40,000.

Minn., St. Paul—City and Ramsey Co. plan rein.-con. bridge over Mississippi River from 3rd and John Sts. in curve to Mounds Blvd. and Euclid St. $1,000,000.

Tex., Conroe—See "Streets and Roads."

Tex., Dallas—See "Streets and Roads."

Tex., Denton—City, c/o B. W. McKenzie, mayor, election soon $25,000 bonds, timber, steel and concrete bridge over creek.

Tex., Floresville — See "Streets and Roads."

Tex., Houston—City, c/o O. F. Holcombe, mayor, making plans steel and rein.-con. draw bridge across Upper Ship Channel, near Eastwood St. $40,000. J. C. McVea, city engr.

Tex., Karnes City — See "Streets and Roads."

Tex., La Grange — See "Streets and Roads."

Tex., Panhandle — See "Streets and Roads."

Tex., Plemons—See "Streets and Roads."

Tex., Raymondville — See "Streets and Roads."

Ore., Portland—City and Multnomah Co. plan system of viaducts forming portion of Bway. Bridge approach, etc. $1,000,000 or more.

California—J. D. and A. B. Spreckles Securities Co., San Diego, and 2 Pine St., San Francisco, will make application to Bd. Supervs., San Diego Co., for franchise to construct and operate 4,500 ft. steel toll bridge, 41 ft. highway and 55 ft. wide across San Diego Bay, between San Diego and Coronado, $2,000,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs.

Calif., San Jose — Made plans concrete and steel bridge over Los Gatos Creek. W. Popp, city engr.

Bids Desired

Massachusetts—Sept. 17, by Comrs. Essex Co., Salem, reconstructing Saugus Bridge, concrete with granite abutments, in Lynn and Saugus. $25,0000 or more. R. R. Evans, Court House, Salem, engr. Noted July 15.

Mass., Boston — Commonwealth of Massachusetts, Metropolitan Dist. Comn., 1 Ashburton Pl., taking bids railroad bridge, concrete and steel, 40 ft. grading and surfacing, cassion piles, pipe drains, concrete masonry and walks, edgestones, etc., Popes Hill Station. $150,000. J. R. Rablin, 1 Ashburton Pl., engr.

N. Y., Bronxville—Sept. 22 (extended date), at office Westchester Co. Park Comn., 72 Pondfield Rd., 4 stone faced rein.-con. bridges in Hutchinson River Parkway extension, in Mt. Vernon, New Rochelle, North Pelham and East Chester. J. Downer, ch. engr. Noted Sept. 2.

Pa., Phila.—See "Unclassified."

Virginia—Sept. 30, by State Hy. Dept., Richmond, bridges over Cypress Creek, Project S-367; over New River, Project S-410; and over Nominee Creek, Project S-430. C. S. Mullen, ch. engr.; adv. E. N.-R. Sept. 16.

South Carolina—Sept. 23, by State Hy. Dept., Columbia, four 22 ft. span rein.-con. bridge over Big Sandy Creek on Route 5, State Project S-643, Chesterfield Co., and 155 ft. treated timber and steel bridge on Route 2, State Project S-522-B, Aiken Co., State Highway Engineer, Sumter St., Columbia, engr.; 2 rein.-con. culverts on State Route 411, Federal Aid Project 239-B, Williamsburg Co., H. G. Jones, Florence, engr.

Indiana—Sept. 28, by J. D. Williams, dir. State Hy. Comn., Indianapolis, bridges in Clark, Daviess, Dubois, Hamilton, Hendricks, Huntington, Marion, Miami, Morgan, Owen, Pike, Porter and Posey Counties.

Michigan—Sept. 22, by R. A. Beers, resident engr., Kalamazoo, T. L. Bridge 111202, 45 ft. span, steel deck girder, Berrien Co., for State Hy. Dept., Lansing.

Michigan—Sept. 22, by State Hy. Dept. at Sandusky, R. Bridge 742302, 120 ft. low truss steel deck girder, Sanilac Co. E. R. Benkert, Port Huron, resident engr.

Michigan—Sept. 22, by H. G. Oakes, resident engr., Cadillac, T. Bridges 280701 and 280702, two 35 ft. span steel deck girder, Grand Traverse Co., for State Hy. Dept., Lansing.

Illinois — Sept. 22, by State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, two 26 ft. span concrete slab bridge on Maintenance Route 4-A, Sect. C-1 Will Co.; ten 20 ft. span steel bridge on Route 13, Sect. 4-C, Saline Co.; three 50 ft. span concrete girder bridge, on Route 21, Sect. G-B, Cook Co.; two 40 ft., four 45 ft., two 60 ft., one 33 ft., two 16 ft. and one 14 ft. span railroad overhead bridge, on Route 25, Sect. 22-V, Douglas Co. F. T. Sheets, highway engr.

Kan., Ottawa—Sept. 22, by Clerk Franklin Co., one 100 ft. steel truss and two 25 ft. I-beam span bridge on Federal Aid Project 289-F.

Ore., Klamath Falls—Sept. 30, by J. S. Jensen, city engr., 4 span, 200 ft. bridge over Link River, for city. $30,000.

Bids Received

North Carolina—State Hy. Dept., Raleigh, rein.-con. bridges, etc., on Project 303, Bladen Co., and Project 158, Nash Co., from J. S. Bowers, Whiteville, $29,618 and $27,245 respectively; on Project 365, Onslow Co., from Atlantic Bridge Co., Greensboro, $39,616. Noted Aug. 12.

Wisconsin—State Hy. Comn. at Village Hall, Muscoda, Aug. 18, Muscoda Bridge over Wisconsin River connecting Muscoda, Grant Co., and Eagle Town, Richland Co., from Standish Eng. Co., 400 North Michigan Ave., Chicago, Ill., $154,046. Noted Aug. 12.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, Aug. 31, rein.-con. and steel viaducts to carry Arsenal, Sulphur and Macklind Aves. over River Des Peres, from Missouri Bridge & Iron Co., Fullerton Bldg., $36,944. Engrs. est. $41,000. Noted Aug. 12.

Tex., Anderson—See "Streets and Roads."

Tex., Brazoria, Angleton Co.—Aug. 31, 8 concrete pile trestle bridges, 842 ft. long, and one 150 ft. steel truss bridge, on Highway 58, from Nelson-Hall Co., builders, Exch. Bldg., San Antonio, $110,463. Engrs. est. $135,200.

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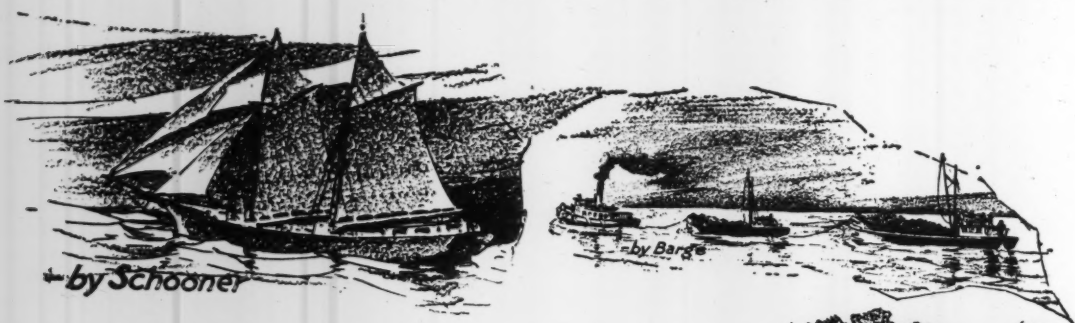

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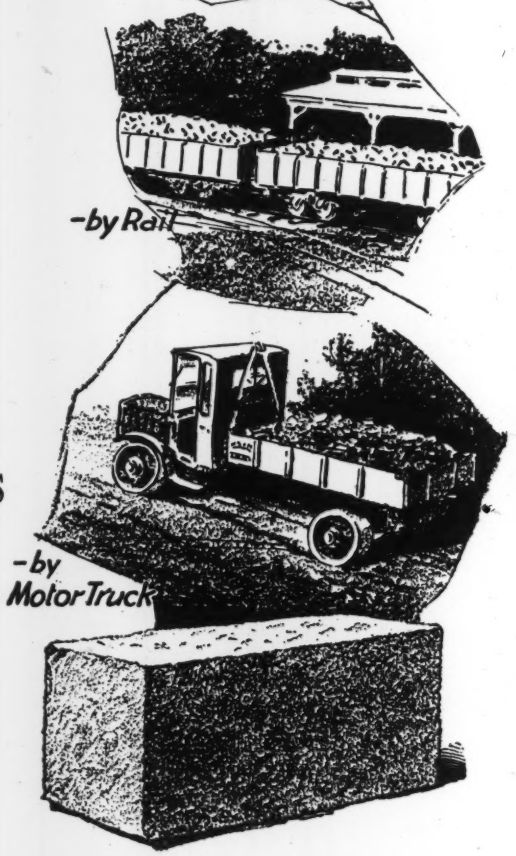

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Bridges (Continued)

Tex., Waxahachie — Ellis Co., 12 span, 337 ft. concrete girder bridges on Highway 6, from F. Purvis, F. & M. Bank Bldg., Ft. Worth, $29,587. Engrs. est. $33,-000. Noted Sept. 2.

Calif., Delta — State Hy. Comn., Sacramento, Aug. 30, one 234 ft. rein.-con. open spandrel arch and eight 24 ft. girder approach span bridge over Dog Creek, 1 mi. south of here, Shasta Co., from Bordwell & Diugge, Napa, Calif., $110,125. Noted Aug. 19, under "California."

Calif., Los Angeles—Los Angeles Co., concrete bridge over Malibu Creek, from Gutleben Bros., I. W. Hellman Bldg., $85,000.

Contracts Awarded

Maine—State Hy. Dept., Augusta, steel superstructure Foss Bridge in Leeds, to United Constr. Co., 24 James St., Albany, N. Y., $20,239, Tucker Bridge in Moro, and Cox Bridge, concrete, in Lisbon, to H. J. Cyr & Co., Waterville, $12,424 and $5,424 respectively; Good Will Farm Bridge, concrete, in Fairfield, to Burpee Constr. Co., Gardiner, $42,293; and Winter St. Bridge, concrete, in Gardiner, to Stewart & Williams, Augusta, $30,599. Grand total $110,979.

Massachusetts—See "Streets and Roads."

Mass., Winthrop—Bd. Selectmen extending Highlands Bridge, concrete and timber, to Eng. Serv. & Constr. Co., 220 Devonshire St., Boston. Engrs. est. $25,000.

Pennsylvania—See "Streets and Roads."

Pa., Harrisburg — Secretary Property & Supply, Soldiers and Sailors Memorial Bridge, on State St. from Cameron East, Contr. 1, to C. W. Strayer 3rd and Broad Sts., $573,850. Noted Aug. 23.

South Carolina—See "Streets and Roads."

La., New Orleans — Banking Syndicate headed by L. E. Anderson & Co., 711 St. Charles St., St. Louis, Mo., 5 mi. rein.-con. bridge and substructure for bascule bridge over Lake Ponchartrain, here, to Raymond Concrete Pile Co., 40 Cedar St., New York City, N. Y. Noted May 27.

Minn., Minneapolis—See "Materials."

Mont., Havre—Hill Co., E. J. Bronson, clk., riveted steel bridge over Milk River, to McQuire & Blakeslie, Great Falls, $29,-240. Noted July 29.

Calif., Los Angeles — Bd. Pub. Wks., Riverside-Dayton Avenue Bridge, to North-Pacific Constr. Co., Detwiler Bldg., $242,-425. Noted July 22.

Calif., Los Angeles—See "Streets and Roads."

Calif., Santa Cruz—Santa Cruz Co., rein.-con. bridge on Boulder Creek, Santa Cruz Highway, to C. C. Gildersleeve, Truckee, $29,996. Noted May 13.

Calif., Soledad—State Hy. Comn., Sacramento, reflooring, etc. bridge across Salinas River 1 mi. south of here, Monterey Co., to Atlas Constr. Co., Menlo Park, $37,062. Engrs. est. $42,377. Noted Sept. 9 under "California."

Dams

Bids Desired

Calif., Grass Valley—D. L. Junck Co., 2135 Center St., Berkeley, taking bids 162 ft. concrete circular type dam, 30 ft. high, here, for Bear River Orchards Co. F. A. Post, 1633 Dwight Way, Berkeley, engr.

Contracts Awarded

Conn., Winchester—See "Waterworks."

Railways

Proposed Work

Texas—San Benito & Rio Grande Valley R. R. Co., G. H. Windsor, pres., San Benito, plans extending railroad lines from Fernando to Christo.

Texas—St. Louis, Brownsville & Mexico R. R. Co., C. A. De Gersdorff, genl. counsel, 52 William St., New York City, N. Y., plans extending 18 mi. railroad lines from Raymondville to point near Hidalgo-Cameron Co. Floodway in Cameron Co., here. C. S. Kirkpatrick, Houston, ch. engs.

Washington—See "Excavation, Drainage, Irrigation, Levees, River and Harbor," under Olympia.

Contracts Awarded

Massachusetts — Transit Dept., Beacon St., Boston, Sect. 3, Dorchester Rapid Transit System, in Dorchester, to C. & R. Constr. Co., 75 Bradeen St., Rosindale, $626,550. Noted Sept. 9.

Ohio — Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Phila., Pa., track work for extension of passing siding, incl. grading, masonry, etc. in Broadacre, here, to T. J. Foley Co., Fulton Bldg., Pittsburgh, Pa. $94,000. Engrs. est. $100,000.

Ohio — Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Phila., Pa., track work for extension of passing siding, incl. grading, masonry, etc. in Miller, here, to Ferguson & Edmondson, Keystone Bldg., Pittsburgh, Pa., $78,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ill., Lima—Plans internal drainage of Lima Lake D. D., incl. 30 mi. open ditch, 1,669,102 cu.yd. excav. R. I. Randolph, W. P. Bushnell and J. Goodell, engrs.

Mo., De Witt — Smith De Witt D. D. making plans draining 8,000 acres in Carroll Co. $25,000. C. E. Jacoby, 800 Interstate Bldg., Kansas City, engr.

Mo., Malta Bend—Malta Bend Levee Dist. making plans drainage and levee work, incl. pumping plant, sluice gates, ditches, etc. on Missouri River, near here. C. E. Jacoby Eng. Co., Interstate Bldg., Kansas City, engr.

Mo., Sumner—Sumner D. D. making plans drainage and levees. $150,000. C. E. Jacoby Eng. Co., Interstate Bldg., Kansas City, engrs.

Tex., Eagle Pass — Maverick Co. Water Impvt. Dist., plans irrigating 100,000 acres, $3,000,000. W. L. Rockwell, Eagle Pass, engr. Noted June 24.

Tex., San Antonio—Carrington Land & Irrigation Co., 433 Bedell Bldg., plans developing 75,000 acres in lower Rio Grande Dist. into irrigation districts. $400,000. Private plans.

Tex., Texas City — City and Galveston Co. (Galveston), E. B. Holman, judge, making plans and takes bids about Jan. 1, constructing earth embankment sea wall with boulevard roadway on top. $750,000. H. J. Mikeska, city engr. C. C. Washington, Galveston, co. engr.

Wash., Olympia—Election Nov. 2, $250,-000 bonds, improving port of Olympia, incl. deepening channel, bulkheads, warehouse and cold storage buildings, railway tracks, freight handling equipment, etc. E. L. Van Epps, Olympia, engr.

Calif., Long Beach—Los Angeles Co., made plans dredging Cerritos channel fronting site of Ford Motor Car plant at Badger Ave., incl. 750,000 cu.yd. dredged from channel and deposited on 40 acre site, channel to be deepened to 32 ft. with 600 ft. bottom width. R. E. McGlone, Long Beach, harbor engr.

Calif., Modesto—Modesto Irrigation Dist., Turlock, making plans feeder circuit to divide load on Modesto Feeder Station 3 (out of Modesto sub-station), here. $30,-000. R. J. O'Connell, electrical engr.

Calif., Turlock—See "Buildings—Industrial."

Bids Desired

N. Y., Poughkeepsie—Sept. 30, by F. S. Greene, supt. Dept. Pub. Wks., 353 Bway., Albany, retaining wall and stairs along South Water St. adjacent to easterly approach Mid-Hudson Bridge, here; adv. E. N.-R. Sept. 16.

Bids Received

N. Y., Long Island City — M. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 7, dredging channel from Panama St., to Bergen Basin, from W. H. Gahagan Realty Co., Inc., 147 Remsen St., Brooklyn, $24,750. Noted Sept. 2.

Contracts Awarded

Mass., Hull — Commonwealth of Massachusetts, Dept. Pub. Wks., sea wall, Point Allerton, to Bradford Weston, Allerton, $67,588.

N. Y., Buffalo—City, Div. Parks, City Hall, cleaning Gala Lake in Delaware Park, to Moore Thomas, Inc 7 Seneca St. $325,000. Noted Aug. 12.

N. J., Barnegat—Union Twp. Com., bulkhead along Barnegat River, to J. A. Howland, Seabright, $23,000. Noted Aug. 26.

La., Shreveport — Caddo Parish Levee Dist., 126 Milam St., W. A. Kerley, secy., 1,200 ft. bank protection at Brown Pl. Bend, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $20,825; and 3,000 ft. at Corner Pl. Bend, to A. W. Farney, Shreveport, $60,000. Noted Aug. 12.

Ill., Fairfield—Skillet Fork Union Outlet D. D., 4,000,000 cu.yd. excav. in drainage ditches, etc., to Leach Bros., Golden Gate, at $0.075 per cu.yd. Noted Aug. 12.

Streets and Roads

Proposed Work

New Hampshire—State Hy. Dept., Concord, grading and plans 3 in. bituminous macadam on 8 in. field stone paving 11,192 sq.yd. Darmouth College St. in Hanover, $43,000; and 10,296 sq.yd. Contoocook Valley St. in Peterboro, $53,000. F. E. Everett, Concord, comr. A. E. White, Keene, div. engr.

Mass., Brighton (Boston P. O.)—Dept. Pub. Wks., Boston, plans laying out and constructing Antwerp and Ascot Sts. as highway, here. $25,000. J. H. Sullivan, comr.

N. Y., East Rockaway—Election September 15, $119,000 bonds, concrete paving various streets. I. N. Carman, Inc., Malverne, engr.

N. J., Asbury Park—Plans asphalt paving Grand and Asbury Aves. $335,000. Sincerbeau & Moore, Mechanics Bldg., Trenton, engrs.

N. J., Jersey City—Voted $125,000 temporary bonds, improving Bergen Ave. from Academy to Montgomery Sts. E. J. Holland, city clk.

N. J., Mays Landing—Atlantic Co. plans grading and widening 2 mi. Route 4. $50,-000. A. H. Nelson, Atlantic City, engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, made surveys improving 5 mi. Eatons Cross Roads-Roane Co. line Rd., Loudon Co.; 10 mi. Silverdale-Bradley Co. line Rd., Hamilton Co.; and 12 mi. North Carolina State Line-Tennessee River Rd., Blount Co. C. N. Bass, highway comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans improving 8 mi. Dyersburg-Trimble Rd., Dyer Co. C. N. Bass, highway engr.

Kentucky—State Hy. Dept., Frankfort, rejected bids, Aug. 23, reconstructing and alternate types surfacing 2.5 mi. Carlisle-Moorefield Rd., State Aid Project 61-A, Nicholas Co. E. N. Todd, highway engr.

O., Bexley (Columbus P. O.)—Rejected bids Aug. 26, grading, curbing, paving, etc. Montrose Ave. and Cassingham Rd. Will readvertise. Noted Sept. 2.

O., Cincinnati—Hamilton Co. plans concrete repaving 47,100 sq. yd. North Bend Rd. from Cincinnati-Hamilton Rd. to Carthage, 20 ft. $188,734. E. A. Gast, Court House, engr.

Ill., Rockford—Winnebago Co. election in November, $3,000,000 bonds, grading and gravel or concrete paving 103 mi. various roads.

Wis., Wausau—Marathon Co. election Nov. 2, $3,000,000 bonds, 6 in. rein.-con. paving, etc. 140 mi. various roads. J. H. Clark, Wausau, co. engr.

Kan., Baxter Springs—Soon takes bids rein.-con. paving 3,500 sq.yd. various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Ft. Scott—Bourbon Co. rejected bids Aug. 31, macadam paving 3.006 mi. American-Mapleton Rd., Federal Aid Project 339-A. Will re-advertise. H. McCurley, Ft. Scott, engr. Noted Aug. 19.

Kan., Kansas City—Wyandotte Co. made plans and soon takes bids concrete paving 2.5 mi. roads, 18 ft. To exceed $25,000. O. K. Williamson, Kansas City, engr.

Mo., Marshall—Saline Co. plans election bonds to exceed $25,000, hard surfacing, etc., various roads.

Mo., Moberly—Soon takes bids widening and repaving Rollins St. between Johnson and Morley Sts. $30,000. S. Haynes, City, Hall, engr.

Mo., St. Louis—Plans constructing 42 mi. streets in 171 projects. Approximately $4,300,000. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans grading Enright Ave. between Rosedale Ave. and Rosedale Subdivision $8,050; rein.-con. or asphaltic concrete paving Anderson St. between Shreve and Euclid Sts. $15,600-$16,550, Lalite Ave. between Kingshighway northwest and city limits $39,000-$40,700, Laura Ave. between Goodfellow Ave. and city limits $6,660-$6,960, Shirley Pl. between Dryden Ave. and Kingshighway Northwest $12,800-$13,-400, Marmaduke Ave. between Southwest Ave. and Clifton St. $11,900-$12,600, Nagel

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Streets and Roads (Continued)

St. between McDermott and Haydens Hildesheim Subdivision and Hampton Ave. $20,300-$21,500; rein.-con. paving Christian St. between Bway. and Switzer Sts. $4,860; asphalt, warrenite, bitulithic, asphaltic concrete, amiesite or rein.-con. paving Woodland Ave. between Wren St. and Kingshighway Northwest $22,900-$24,300, Harney St. between Kingshighway Northwest and Mimika St. $25,600-$27,400, 21st St. between Linton and College Aves. $5,800-$7,100, Prather St. between Mitchell and Plateau Sts. $8,350-$10,000; rein.-con., amiesite, or asphaltic concrete paving Steffens St. between Walsh and Eichelberger Sts. $6,070-$6,510, and Wanda St. between Gravois and Scheenlan Sts. $26,600-$28,300. W. H. Horner, 300 City Hall, engr.

Mo., Springfield—Soon takes bids grading and 7 in. concrete paving, etc. Commercial St. between Boonville St. and Benton Ave. S. R. Fisher, City Hall, engr.

Tex., Dallas—Dallas Co. making plans grading, bridging and rein.-con. paving 1.585 mi. Highway 40. $60,000. R. H. Clinger, Dallas, co. engr.

Tex., Floresville — Wilson Co. making plans grading, bridging and 1 in. rock asphalt surfacing 10.131 mi. Highway 16, Federal Aid Project 434-B, 18 ft. $363,400. F. E. Hess, Floresville, co. engr. Noted Aug. 19.

Tex., Karnes City—Karnes Co. making plans grading, bridging and 1 in. rock asphalt surfacing 5.838 mi. Highway 16, Federal Aid Project 434 C, 18 ft. $191,700. F. E. Hess, Floresville, engr.

Tex., La Grange—Fayette Co. making plans grading and bridging 6 mi. Highway 44, from Rd. Dist. 2 and 8 line to Lee Co. line, 26 ft. $42,000. R. E. Schiller, La Grange, co. engr.

Tex., Midland—Election Oct. 1, $60,000 bonds hard paving various streets. Address B. F. Haag, Midland, engr.

Tex., Panhandle—Carson Co. making plans grading, bridging and Bates type concrete paving 33.85 mi. Highway 33, $1,034,300; 30.6 mi. Highway 75, $943,246; and 20 mi. Highway 102, $634,000, all 18 ft. L. O. Cox, Panhandle, engr. Noted Aug. 12.

Tex., Pharr—Voted $125,000 bonds hard paving various streets. Address P. Levine, Pharr.

Tex., Plemons—Hutchinson Co. making plans grading, bridging, etc., 10.01 mi. Plemons-Panhandle Rd., 26 ft. $55,000. E. McBride, Plemons, negr.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys grading and concrete paving 31,120 sq.yd. State Highway 2, Kingfisher Co., $84,000; and improving 20 mi. State Road 1, Beaver Co., $75,000. J. M. Page, highway engr.

Wash., Bellingham — City Council soon takes bids 3,200 sq.yd. paving and 1,500 ft. 5 ft. sidewalks on various streets. J. C. Hills, city engr.

Wash., Kelso—Cowlitz Co. making plans and takes bids about Sept. 16, extending Permanent Highway 10. $37,000. E. A. Middlebrooks, Kelso, engr.

Wash., Tacoma—Making plans and takes bids about Sept. 16, paving East 15th St. to St. Paul Ave. $30,000. W. F. McElmon, Tacoma, engr.

Calif., Beverly Hills—Made plans grading, curbing, lighting system and concrete paving 29,108 sq.ft. portions Ambassador and Tropical Aves.

Que., Montreal—Plans election $1,088,700 bonds, sidewalks, and paving various streets.

Bids Desired

Mass., South Boston (sta. Boston)—Sept. 21, by Dept. Pub. Wks., Boston, granite block paving Boston St., here. $25,000. J. H. Sullivan, comr.

N. Y., Bronxville—Sept. 29, by Westchester Co. Park comn., 72 Pondfield Rd., grading and paving driveway through Tibbetts Brook Park from Midland Ave. to point 600 ft. east of Railroad and temporary drive to connect with Yonkers Ave. J. Downer, ch. engr.; adv. E. N.-R. Sept. 16.

N. Y., Valley Stream—Sept. 22, at office Village Clerk, rein-con. paving various streets. $180,000. C. Marshall, 302 Fulton St., Hempstead, engr.

New Jersey—Oct. 4, by State Hy. Comn., Trenton, grading and graveling extension State Highway Routes 2, 3 and 6, to Delaware River Bridge, known as Entrance Rd., Sects. 1A, 2A, 3A and Connecting Rd. 3A and 4A, Camden Co. A. L. Grover, secy.; adv. E. N.-R. Sept. 16.

N. J., Asbury Park—Sept. 21, by City Comn., asphaltic, concrete or bitulithic paving 23,230 sq.yd. Central Court, Pine St., 4th and Sunset Aves. N. Rogers, Asbury Park, engr.

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N. J., Freehold—Sept. 22, by Bd. Freeholders Monmouth Co., rein.-con. paving 5,347 sq.yd. north approach to Br. W-43 N. & S. Approaches to Bridge 0-11. G. K. Allen, Jr., 60 Broad St., Red Bank, co. engr.; adv. E. N.-R. Sept. 16.

N. J., Princeton—Sept. 22, by Twp. Com., penetration macadam paving 9,356 sq. yd. Jefferson Rd. C. S. Sincerbeaux, Mechanics Bldg., Trenton, engr.

Pa., Phila.—Sept. 17, by Dept. City Transit, H. E. Ehlers, dir., granite block on concrete repaving 2,610 ft. Broad St. subway between Lycoming and Bellfield Sts., 69 ft., Contr. 165.

Pa., Phila.—Sept. 21, by Dept. Pub. Wks., Bureau of Highways, paving, asphalt and redressed granite block repaving, etc. Wissahickon Ave., etc. G. H. Biles, dir.

West Virginia — Sept. 28, by State Hy. Dept., Charleston, grading and paving 34.63 mi. roads in Fayette, Greenbrier, Summers, Mason, Wyoming, Pendleton and Randolph Counties. W. B. Carskadon, secy.; adv. E. N.-R. Sept. 16.

Florida—Sept. 23, by State Road Dept., Tallahassee, clearing, grubbing, grading, etc. 9.28 mi. Project 619, Alachua Co., 1.87 mi. Project 53-C, Lake Co. and 6.18 mi. Project 50-A, Putnam Co.; concrete, bituminous concrete, sheet asphalt or bituminous macadam on 8 in. lime rock paving, Project 529, Suawannee Co.; and 8 in. Florida lime rock base on Project 660, Clay Co. J. L. Cresap, highway engr.

Fla., Bradenton—Oct. 5, by City, c/o R. K. Van Camp, comr. Pub. Wks., clearing, grubbing, grading, paving, etc. 146,413 sq.yd. various streets. L. L. Hine, city clk.; adv. E. N.-R. Sept. 16.

Louisiana—Oct. 5, by State Hy. Comn., Baton Rouge, graveling 7.09 mi. Farmerville-Monroe Highway, State Project 451-B, Union Parish. W. B. Robert, Reymond Bldg., highway engr.

Indiana — Sept. 28, by J. D. Williams, dir. State Highway Comn., Indianapolis, brick, concrete, or bituminous concrete paving 0.8077 mi. East 42nd St., Marion Co.

Ind., Fort Wayne—Sept. 23, by Bd. Pub. Wks., improving various alleys, Clinton, Lafayette, Loree, Norton, Plaza, Smith and Graham Sts. A. E. Dick, secy.

Ind., Fort Wayne—Sept. 30, by Bd. Pub. Wks., improving Bequette and Center Sts., State and Washington Blvds. and various alleys. A. E. Dick, secy.

Michigan—Sept. 20, by H. G. Oakes, resident engr., Cadillac, concrete paving 15,149 sq.yd. T. L. 11-88, Mainstee Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan—Sept. 21, by W. W. Lavers, resident engr., Plymouth, concrete paving 61,785 sq.yd. F. A. 212, Sect. B, and A. D. 1172, Sect. A, Macomb Co., for State Hy. Dept., Lansing.

Michigan — Sept. 21, by State Hy. Dept., at office Township Clerk, Alba, concrete paving 8,932 sq.yd. T. L. 13-27, Antrim Co., for State Hy. Dept., Lansing. H. G. Oakes, Cadillac, resident engr. Noted Sept. 9.

Michigan — Sept. 22, at office Village Clerk, Kingston, concrete paving 14,986 sq.yd. T. L. 46-33, Tuscola Co., for City and State Hy. Dept., Lansing. E. R. Benkert, Port Huron, resident engr. Noted Sept. 9.

Michigan—Sept. 22, by H. C. Fleming, resident engr., Grand Rapids, concrete paving 39,885 sq.yd. T. L. 54-15, Sect A, Muskegon Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan—Sept. 24, by E. R. Benkert, resident engr., Port Huron, concrete paving 13,879 sq.yd. T. L. 38-8, Tuscola Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan — Sept. 29, by A. M. Hopperstead, resident engr., Crystal Falls, concrete paving 35,667 sq.yd. T. L. 12-54, Dickinson Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan—Oct. 6, by A. R. Schaefer, resident engr., Newberry, two course graveling 3.5 mi. F. A. 143, Sect. B, 18 ft. Mackinac Co., for State Hy. Dept., Lansing.

Illinois — Sept. 22, by State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete, vitr. brick or bituminous concrete with or without binder course paving 1.06 mi. Route 1, Sect. 41-X, Massac Co., 3.26 mi. Route 4-A, Sect. U-1, Cook Co., 17.2 mi. Route 23, Sect. 3, Line A, and 18.36 mi. Line B, LaSalle Co., 0.36 mi. Route 37, Sect. 12-X, Franklin Co., all above 18 ft. wide, 6.69 mi. Maintenance Route 20, Sect. 29-R, Cook Co., 20 ft.; and grading 0.24 mi. Route 31, Sect. 16-V, Fulton Co. F. T. Sheets, highway engr.

Ill., Chicago — Sept. 20, by Bd. Local Impvts., Room 207, City Hall, grading, curbing, guttering and asphalt on macadam, asphalt on 8 in. concrete, 8 in. concrete, 10 in. concrete, 5 in. granite block on stone, granite block on 1½ in. torpedo sand and 8 in. concrete paving portions 8 various streets and 20 various avenues. J. J. Sloan, pres.

Ill., Grays Lake—Sept. 20, by V... Clerk, concrete paving 8,200 sq.yd. ... streets. $30,500. Marr, Green & Co., ... North Michigan Ave., Chicago, engrs. ... Noted June 3.

Ill., Lamont—Sept. 21, by Village ... concrete paving 11,200 sq.yd. ... streets. $45,000. Marr, Green & Co., ... North Michigan Ave., Chicago, engrs. ... Noted June 3.

Ia., Des Moines—Sept. 20, by R. P. ... city cl..., sheet asphalt, concrete, vibro... or brick paving 9,411 sq.yd. various ... $31,000. K. C. Kastberg, City Hall, engr.

Ia., Des Moines—Sept. 23, by C. P. ... city clk., sheet asphalt, concrete, vibro... or brick paving 8,470 sq.yd. various ... $27,000. K. C. Kastberg, City Hall, engr.

Ia., Spirit Lake — Sept. 20, at ... Auditor Dickson Co., improving Primary-Secondary Projects S-107 S-108 and ..., 17,500 cu.yd. gravel, 71,000 units overhaul, 9,000 cu.yd. stripping, etc. R. A. Furman, Spirit Lake, co. engr.

Ia., Toledo — Sept. 21, at office ... Tama Co., grading, paving, etc. ... sq.yd. Federal Aid Project 47-C and ... also 276-A, C, D and E.

Kan., Clay Center—Sept. 30, by Clerk Clay Co., improving 6.99 mi. Federal Aid Project 284-B, 80,265 cu.yd. earth and 6,180 cu.yd. rock excav., 15,083 ft. hedge, 4,650 ft. guard fence, 47,236 lb. reinforcing, etc. H. L. Stevens, Clay Center, co. clk.

Mo., Albany—Sept. 20, by Bd. of Aldermen, City Hall, improving various streets, 7,000 cu.yd. excav., 18,900 ft. integral curbing, 29,000 sq.yd. 6 in. marginal rein.-con. paving, etc. J. E. Rider, Richmond, engr.

Tex., Sherman—O. J. S. Ellington, city mgr., taking bids paving various streets, for City. $100,000.

Tex., El Paso—Sept. 21, by E. B. McClintock, judge El Paso Co., 2 in. hot mix limestone rock asphalt on crushed and broken stone paving 7.348 mi. Highway 1, Federal Aid Project 439-B, 16 ft., $232,140; also grading 1½ in. and 2 in. hot mix limestone rock asphalt on crushed and broken stone paving, etc., 1.987 mi. State Highway 1, Federal Aid Project 439-D, 16, 17, 20 and 37 ft., $74,000. F. E. Wilson, El Paso, co. engr. Noted Sept. 2.

Washington — Sept. 28, by State Hy. Comn. Olympia, grading, etc. 92,000 cu.yd. State Rd. 12, Pacific Co. and 14,000 cu.yd. State Rd. 7, Lincoln Co.; also grading and concrete paving, etc. approximately 1 mi. State Rd. 3, Benton Co. J. W. Hoover, state highway engr.

California—Sept. 27, by State Hy. Comn., 1111 Sun Bldg., Los Angeles, constructing 1.6 mi. road through Tustin, Orange Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Calif., Chino—City Trustees taking bids grading, curbing, 4 and 6 in. concrete paving 294,941 sq.ft. Magnolia Ave., etc. P. E. Kressly, H. W. Hellman Bldg., Los Angeles, engr. Noted July 1.

Calif., Dunsmuir — Taking bids grading, curbing, walks and 1½ in. willite on 3½ in. asphaltic concrete paving 113,600 sq.ft. Shasta, Spring Sts., etc. C. C. Kennedy, Call Bldg., San Francisco, engr.

Calif., San Diego—Sept. 27, by Common Council, sidewalks, curbing and concrete paving 96,201 sq. ft. 30th and G Sts., and 95,056 sq. ft. Chatsworth Blvd., Zola and Rosecrans Sts. F. A. Rhodes, city engr.

Bids Received

Mass., Boston—Grading and surfacing North Harvard St., from T. J. McCue, 264 North Beacon St., Watertown, $40,820.

Mass., Walpole—Dept. Pub. Wks., Boston, Sept. 7, bituminous concrete paving 5,000 ft. highway, here, from Washburn & Sheridan Constr. Co., East Taunton, $29,396. Noted Sept. 2.

N. Y., Brooklyn—J. A. Guider, pres. Brooklyn Boro, Boro Hall, Sept. 8, granite block paving Bogart St., from B. Greico, 44 Russell St., $4,117; grading, curbing and flagging Avenue U, from W. J. McHale Contg. Co., 1250 Jefferson St. $11,850, also 71st and 76th Sts., from G. M. Mandato, 210 Neck Rd., $11,881 and $3,010 respectively; asphalt paving Bradford St. and Central Ave., from Uvalde Asphalt Paving Co., 1 Bway., New York City, $15,118 and $8,501 respectively, Thatford Ave., from Cranford Co., 52 9th St. $13,309, and Willoughby Ave., from Borough Asphalt Co., 1301 Metropolitan Ave. $9,606. Noted Sept. 2.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 7, from Cleveland Trinidad Paving Co., Lawrence St., Flushing, sheet asphalt paving Roosevelt Ave. $29,925, Roosevelt Ave. $17,752 and 102nd St. $26,196, from Uvalde Asphalt Paving Co., 1 Bway., New York City, 108th St. $18,474, and Merrick Blvd. $29,900, from Cranford Co., 52 9th St., Brooklyn, Central Ave. $27,865, from W. J. Fitzgerald, Inc., Grand Central Terminal.

Streets and Roads (Continued)

New York City, 114th St. $51,965, from Highway Impvt. & Repair Co., 50 Church St., New York City, 90th Ave. $11,968; from S. Rosoff, 1012 Gates Ave., Brooklyn, retaining walls, etc. on Roosevelt Ave., $27,940; from Carberry Block Corp., 186 Remsen St., Brooklyn, asphalt block paving Prospect St. $18,535, and sidewalks on Rockaway Blvd. $11,748, from C. Bennett Impvt. Co., 414 Rutland Rd., Brooklyn, 43rd Ave. $38,575, from O'Brien & Kurth, Inc., 8625 137th St., Jamaica, Maurice Ave. $2,016 and Cuthbert Pl. $439, also from Clifford Constr. Co., 161-10 Jamaica Ave., Jamaica, Park Lane $37,795. Noted Sept. 2.

New Jersey—State Hy. Comn., Trenton, Sept. 13, grading, etc. Route 7, Sects. 6 and 7, Freehold-Hightstown Rd., Monmouth and Mercer Counties, from Decker & Canning, 395 Grove St., Newark, $96,472. Noted Aug. 26.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Sept. 7, from E. A. Mullen, 5512 Vine St., grading Millock and Theodore Sts. $2,626, from Root Bros., Ridge Ave. and Righter St., Silverwood St. $1,923, and from J. F. Nolen & Sons, 64 Church Lane, Tabor St. $12,510; from Union Paving Co., 123 South 21st., asphalt paving (assessment work), Dover St. $4,265, Rockland St. $12,011, asphalt repaving Dickinson St. $5,620, redressed granite block repaving 52nd St. (track area) $46,376; from Eastern Asphalt Co., Penn Bldg., asphalt paving (assessment work) Church St. $7,410, Neilson St. $5,119, and asphalt repaving Moore St. $6,092; from C. G. Centrone, Bailey Bldg., redressed granite block repaving Latimer St. $2,733, from Mazzola & Marano, 739 South 7th St., Medina and Sears St. $6,544, from Municipal Paving Co., 702 Catharine St., 2nd St. (track area) $9,267, from Acchione Contg. Co., 755 South Warnock St., 18th St. (track area) $6,503; from W. A. Mundy, 226 South Warnock St., repairing Huntingdon St. Foot Bridge over Reading R.R. tracks $2,480. Noted Sept. 2.

Pennsylvania—State Hy. Dept., Harrisburg, Sept. 8, **(R. means Route and A. means Application)**, one course rein.-con. paving, etc. 16,124 ft. R. 52, A. 3971, Somerset Co., from M. F. McCabe & Co., 399 Deveny Bldg., Fairmont, W. Va. $110,560, 14,997 ft. R. 12, A. 4148, Susquehanna Co., from Freeland Constr. Co., 104 South Locust St., Hazleton $102,361, 26,872 ft. R. 100, A. 4292, McKean Co., from J. Wiesner & Son, 372 Chestnut St., St. Marys $190,-581, 11,401 ft. R. 276, Sect. 7, A. 3942, Cambria Co., from B. L. McKillip, Hollidaysburg $103,157, 2,183 ft. R. 222, Somerset Co., from Windber Constr. Co., Inc., Windber $44,517, 29,950 ft. R. 174, Sect. 2, Susquehanna Co., from A. W. Hinaman, Williamsport $328,679, 6,936 ft. R. 237, A. 4234, Clarion Co., from Rinehart Bros., East Liverpool, O. $49,467, 8,950 ft. R. 4261, Westmoreland Co., from Donora Constr. Co., Donora $100,425; bituminous on broken stone paving, etc. 8,607 ft. R. 464, As. 3925-3926, Schuylkill Co., from Rudolph & Delano, 302 Peoples Trust Bldg., Tamaqua, $101,694; also 25,122 ft. 3 in. penetration, paving, etc. A. 3875, Butler Co., from Gray Bros., Ober Bldg., Latrobe, $92,883. Noted Aug. 26.

Pennsylvania—State Hy. Dept., Harrisburg, Sept. 9, **(A. means Application and R. means Route)**, one course rein.-con. paving, etc. 10,040 ft. R. 517, A. 3909, Northampton Co., from Juniata Co., 410 Empire Bldg., Phila. $79,906, 33,564 ft. R. 153, Bucks and Lehigh Counties, from Cox & John, Malvern $297,905, 4,346 ft. R. 165, Sect. 3, Northampton Co., from Capital Constr. Co., Des Moines, Ia. $44,149, 1,238 ft. R. 96, McKean Co., from D. L. Dennis, Galeton, $12,110, 4,208 ft. R. 119, Sect. 4A and 6, Westmoreland Co., from J. C. Mickey, 1601 Ligonier St., Latrobe $41,492, 3,152 ft. A. 3575, Blair Co., from Standard Constr. Co., 1003 18th Ave., Altoona $35,-391 and 2,843 ft. R. 159, Bucks Co., from Union Co., 123 South 21st St., Phila. $30,-717; grading, etc. 59,552 ft. R. 105, Sect. 7, Clinton Co., from Miller Constr. Co., Spirit Bldg., Punxsutawney $452,885, and 98,171 ft. R. 105, Sects. 3 and 4, Clinton Co., from W. C. Horn Co., Athens $647,118; also bituminous paving 11,110 ft. R. 13, A. 4107, Bradford Co., from Bryant & Kohl, Inc., 145 Hazle Ave., Wilkes-Barre, $56,199. Noted Aug. 26.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Sept. 8, concrete paving 0.31 mi. Route 25, Sect. 7-X and 0.25 mi. Sect. 7-Y, Clay Co. from Tegge Constr. Co., Papineau $12,329, and 0.53 mi. Route 41, Sect. 15, Knox Co. from Central Eng. Co., Putnam Bldg., Davenport, Ia. $10,816; also one 34 ft. span concrete girder overhead railroad bridge, on Route 4, Sect. F-1, Madison Co., from Capital Constr. Co., 1207 Cherry St., Des Moines, Ia., $10,816.

Ill., Champaign — Grading, curbing, guttering, sidewalks and 7 in. concrete paving, etc. 17,105 sq.yd. Vine St., Columbus and Harris Aves., from M. L. Hecker, Champaign, $64,099. Engrs. est. $79,600.

Tex., Anderson—Grimes Co., grading and bridging 7.5 mi. Highway 90, State Aid Project 610 C, Unit 1, from S. F. Vann, Trinity, $59,413. Engrs. est. $70,500. Noted Aug. 19.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 5,111 ft. highway in Seekonk to Lane Constr. Corp., 37 Colony St., Meriden, Conn., $40,735; bituminous concrete paving 13,109 ft. in Barnstable and Mashpee, to W. L. Jones & H. L. Thomas, Barnstable, $67,898; graveling and bituminous surfacing 2,000 ft. in Millis, to W. H. Hinman, Medway, $8,290; also 550 ft. concrete bridge and approaches in Barnstable, to P. J. Keating, 280 Main St., Fitchburg, $14,785. Grand total $131,-708. Noted Sept. 2.

Mass., Winthrop—Town, Bd. Selectmen sheet asphalt widening and reconstructing Revere St., to E. C. Sargent, 1359 Hancock St., Quincy. Engrs. est. to exceed $25,000.

Rhode Island—State Hy. Dept., Providence, bituminous paving highways in East Providence and Barrington, to A. P. Lawton Constr. Co., Providence, $17,779; in Narragansett, to A. D. Bridges & Sons, Inc., School St., Hazardville, Conn., $69,-924. Noted Aug. 26.

Conn., Bridgeport—Bituminous macadam paving various streets, to Leverty & Hurley, 500 Waterview Ave., $83,281. Engrs. est. $80,000.

Conn., Stamford—Common Council, rein.-con. paving State St. and Richmond Hill Ave., to P. Bacco, 434 Main St.; Worth St., to P. Nash, 434 Main St.; and Jefferson St., to F. Palmer, 131 Sound View Ave. Engrs. est. $75,000. Noted Aug. 12.

N. Y., Malverne—Villege Bd., rein-con. paving 36,000 sq. yd. various streets, to A. Weston, Cedarhurst, at $2.50 per sq. yd.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and paving Winter St., to J. I. Kelly, 1150 Forest Ave., Port Richmond, $14,384; sidewalks on Forest Ave., to F. J. Zarelli, Inc., 390 Carey Ave., $3,789; also grading and bituminous macadam paving Ocean Ave., to Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $8,340. Grand total $26,513. Noted Sept. 9.

N. J., Freehold—Freeholders Monmouth Co., concrete paving 1 mi. Navesink Ave., Middletown Twp., to Stryker & Stryker, 198 Monmouth St., Red Bank, $47,453.

N. J., Hackensack—Bergen Co., concrete paving 1 mi. Shaler Blvd., Richfield Boro, to R. J. Fox, Grantwood, $119,742.

N. J., Jersey City—Hudson Co., improving 3 mi. Bergen Turnpike from here, to Bergen Co. line, to J. J. McGarry, Edgewater, $595,875.

N. J., South River—Freeholders Middlesex Co. (New Brunswick), concrete paving 13,100 cu.yd. Whitehead Ave., here, to A. Keyes, Woodbridge, $49,302. Noted Aug. 26.

N. J., Trenton—State Bd. Educ., State Bldg., roads and walks on grounds of New Jersey School for Deaf, near here, to J. H. Holcombe, 42 Pearl St., Trenton, $24,185. Noted Aug. 26.

Pennsylvania—State Hy. Dept., Harrisburg, **(A. means Application and R. means Route)**, rein.-con. paving 37,899 sq.yd. R. 157, Sect. 1, Berks Co., to W. B. Sheidy, Wyomissing $147,047, 6,387 sq.yd. R. 20, Bradford Co., to Montour Constr. Co., Williamsport $27,534, 39,595 sq.yd. R. 395, A. 4099, Allegheny Co., to Wilmerding Supply Co., Wilmerding $193,231, 19,114 sq.yd. R. 113, Sect. 6, Washington Co., to Jones Constr. Co., Woodlawn $92,346, 13,095 sq.yd. A. 4023, Northampton Co., to Juaniata Co Empire Bldg., Phila. $48,098, 37,918 sq.yd. R. 169-2, Luzerne Co and 1,232 sq.yd. R. 250, Cumberland Co., to P. R. Hostetter Co., York $117,585 and $7,415 respectively, 10,840 sq.yd. R. 302, A. 4130, Westmoreland Co., to A. Eidemiller, Greensburg $43,161 and 16,074 sq.yd. R. 218, Sect. 1, Clarion Co., to J. McCarty Constr. Co., Kaukana, Wis. $75,825 treated bituminous paving, etc. 24,406 sq.yd. R. 236, A. 3359-3979, and 18,774 sq.yd. R. 103, A. 3968, Potter Co., to D. L. Dennis, Galeton $39,843 and $30,648 respectively; also concrete slab bridge on R. 224, Franklin Co., to W. W. Wolf & Co., Jersey Shore, $9,670. Grand total $832,403. Noted Aug. 26.

Pa., Phila.—H. E. Ehlers, dir. Dept. City Tranist, granite block on concrete repaving, etc., Broad St. between Stiles and Montgomery Sts., Contr. 160, to F. Canuso & Son, 804 South 12th St., $98,050. Noted Aug. 26.

Pa., Pittsburgh—Grading, curbing and paving Grizella St. between Waldron St. and city line, to Donatilli & Donatilli, 7202 Spencer St., $30,061; engrs. est. $35,000; also Hodgkiss St. between Stayton and Superior Sts., to Booth & Flinn, Ltd., Forbes St., $33,211; engrs. est. $35,000.

Pa., Uniontown—Fayette Co., rein.-con. paving, etc., section Bellvernon Rd., to Frazier & Mansfield, McKeesport; engrs. est. $25,000; and 1.75 mi. Searights Rd., to Cochran Constr. Co., Dawson, $50,587; engrs est. $50,000.

Pa., Uniontown—Rein.-con. paving, etc. 2 mi. Braznell-Laureldale Rd., Fayette Co., 16 ft., to Cochran Constr. Co., Dawson, $72,748.

Maryland—State Rd. Comn., Baltimore, sheet asphalt paving 0.69 mi. Belair Rd., Contr. BC-65, to P. Flanigan & Sons, Harford Rd. and Baltimore Ohio R.R. tracks, $64,044.

Md., Baltimore — Bd. Awards, sheet asphalt paving 16,250 sq.yd. streets as listed in Contr. 363, to Amer. Paving Co., Montebello Ave., $71,533; and redressed granite block paving 3,500 sq.yd. Contr. 364, to G. Long Contg. Co., 1st Ave. and 12th St., $11,171. Noted Sept. 9.

South Carolina—State Hy. Dept., Columbia, constructing 8.4 mi. State Route 45, State Project S-630, Calhoun Co., to J. E. Blankenship, Greenwood, $36,346; top soiling 8.3 mi. State Project S-635 A, Oconee Co., to J. L. Carroll, Columbia $3,209, 7 mi. State Project S-555, State Route 93, Lancaster Co., to Nichols Contg. Co., La France St., Atlanta, Ga., $41,055; substructure rein.-con. and structural steel bridge over Broad River on Route 22, Federal Aid Project 220, Fairfield-Newberry Counties, to J. G. Scott & Co., Greenville $114,-168, superstructure, to Roanoke Iron & Bridge Wks., Roanoke, Va. $62,706; 3 culverts on State Route 38, State Project B-16 Marion Co., to Hampton Constr. Co., Charleston, $9,175. Grand total $265,659. Noted Sept. 9.

Fla., Coral Gables—Grading, curbing and oil on rock surfacing, etc. 1,206,788 sq.yd. streets in Highway Impvt. Dists. H-2 to H-21, and 4,328,610 sq.ft. sidewalks in Impvt. Dist. SK-1 to SK-6, to W. T. Price, Inc., Coral Gables, $1,393,668. This corrects report in Sept. 9 issue.

O., Columbus — W. H. Duffy, dir. Pub. Serv., grading and laying necessary water and sewer connections and asphalt paving Bricker and Nashoba Aves., to Cleveland Trinidad Paving Co., Grand Theatre Bldg., $14,888 and $11,142 respectively; in Kimball St. and Stevens Ave., to R. J. Dienst, 209 South High St., $7,339 and $23,565 respectively. Grand total $56,934. Noted July 8.

Ind., Indianapolis—Marion Co., bituminous macadam paving East 46th St., to Hayes Constr. Co., 1503 30th St., $25,126. Engrs. est. $27,225. Noted Aug. 26.

Ind., Indianapolis—Bd. Wks., two course concrete paving Tremont Ave., Belleview Pl., Mount and Belleview Sts., to McNamara Constr. Co., 946 West New York St., $56,-696, asphalt paving Linwood Ave., to Mead Constr. Co., 730 North Kealing St., $24,934; asphaltic concrete paving Southern, Barth and Randolph Sts., to Marion Co. Constr. Co., 1600 South West St., $25,829; also Pershing Ave., Tremont and Douglass Sts., to A. D. Bowen, 2242 Broadway, $31,060. Grand total $138,519. Noted June 10 and 17.

Ind., Kendallville—City Council, constructing Gilmore, Gale, West, Martha and Elizabeth Sts., to Grace Constr. Co., Kendallville $32,801.

Ind., Salem—Washington Co., constructing Salem-Little York Rd., to C. Meyers, Salem, $21,494. Engrs .est. $25,100. Noted June 3.

Michigan—W. W. Lavers, resident engr., Plymouth, concrete paving 1.174 mi. T. L. 16-24, Sect. B, 40 ft., Wayne Co., to J. A. McKay & Son, 150 Burlingame St., Detroit, for State Hy. Dept., Lansing. $89,508.

Michigan—A. R. Schaefer, resident engr., Newberry, concrete paving 5.906 mi. T. L. 12-64, 20 to 55 ft., Delta Co., to Hersey Gravel Co., Hersey, for State Hy. Dept., Lansing, $362,558. Noted Aug. 26.

Michigan—A. R. Schaefer, resident engr., Newberry, concrete paving 5.328 mi. F. A. 126, Sect. A, 20 ft., Menominee Co., to Remus Constr. Co., Remus, for State Hy. Dept., Lansing. $173,543. Noted Aug. 26.

Mich., Detroit—Concrete curbing, and one course 8 in. concrete paving Derby, Toronto, Stuart, Evaline, Louis, Army, Sire, Hern and Tumey Aves, to Otis Cement Constr. Co., 419 Hammond Bldg., $67,521.

Mich., Detroit—Curbing, and 3½ in. sheet asphalt paving Derby, Toronto, Stuart, Evaline, Louis, Army, Sire, and Greeley Aves., to Detroit Asphalt Paving Co., 909 Transportation Bldg., $77,748; also Hern

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Streets and Roads (Continued)

and Turney Aves., to Dept. Pub. Wks. Constr. Div., City Hall, $19,101.

Mich., Ionia — Ionia Co., two course graveling 4.084 mi. County A. D. 35, 9 ft., to C. W. McCreery, Ovid, $36,841.

Ill., East Alton—Grading and 7½ in. rein.-con. paving 4,300 ft. Altwood Paving Dist., 18-30 ft., to Moore Bros. Constr. Co., 925 North 8th St., East St. Louis, $44,673. Engrs. est. $45,000.

Ill., Springfield—Grading, curbing and brick on concrete paving Jefferson St. from Klein to Grand Sts., to J. E. Bretz, Springfield, $78,722.

Minnesota—State Hy. Dept., St. Paul, to Western Asphalt Paving Co., 2100 East 4th St., Sioux City, Ia., concrete paving 74,000 sq.yd. State Project 1-43, Div. D, Federal Aid Project 2 at $1.36 per sq.yd; 63,500 sq.yd. State Project 1-43, Div. E, Federal Aid Project 2 at $1.37; and 20,500 sq.yd. State Project 1-44, Sect. 7, Div. A, Federal Aid Project 1 $1.40. Noted Aug. 12.

Minn., Duluth—One course concrete paving 8,820 sq.yd. 8th St., to Salo & Wainamaki, 1216 East 11th St., $46,667.

N. D., Minot—For 6 in. concrete paving 84,536 sq.yd. various streets, to Bridges Asphalt Paving Co., Marion, Ind., $147,000. Noted July 29.

Mo., Joplin—For 6 in. squeegee asphalt paving 10,950 sq.yd. Kentucky St. and 1,755 sq.yd. Chestnut St., to Independent Constr. Co., Pittsburg, Kan. at $1.73 per sq.yd.; also 3,145 sq.yd. 14th St., to V. E. Koch, 417 Joplin St., $1.67. Noted June 24.

Mo., Moberly—Concrete paving Sturgeon St. between Reed and Rollins Sts., to J. Cavender, Moberly, at $1.80 per sq.yd.

Idaho—State Hy. Dept., Boise, improving 8.71 mi. Federal Aid Project 9-G, Idaho Co., to J. A. Terteling & Sons, Moscow, $80,718.

Wash., Seattle—Comrs. King Co., grading 2.5 mi. A. Holman Rd., to L. Romano Co., 123 23rd St. S., $39,500; and graveling, etc., 2.5 mi. Peter Grubb Rd., to J. Otteson, 2523 32nd St., S. $29,500.

Wash., Seattle—Bd. Pub. Wks., paving North and East 77th Sts., to R. G. Stevenson, 1237 Northlake Ave., $69,486.

California—State Hy. Comn., Sacramento **(e. e., means engrs. est.)**, concrete paving 6.8 mi. road between Mountain Springs Grande and Myers Creek Bridge, San Diego and Imperial Counties, to Jahn & Bressi Constr. Co., Laughlin Bldg., Los Angeles, $286,627, e. e. $316,962; concrete widening and asphaltic concrete paving 0.23 mi. highway through Hillsborough, San Mateo Co., to Municipal Impvt. Co., Oakland, $7,194, e. e. $6,691; and 48 ft. earth filled arch span with wing walls across Corte Madera Creek, at Ross, Marion Co., to McDonald & Maggiora, Sausallto, $7,840, e. e., $8,823. Grand total $310,661.

Calif., Los Angeles—Curbing, concrete and asphaltic concrete paving, etc., Hollywood Blvd. between Ogden and Laurel Canyon Rds., to Curtis Paving Co., 2440 East 26th St., $28,508; concrete paving rock and screenings surface, etc., Banning Blvd. between J and Anaheim Sts., also 6 and 7 in. concrete paving, etc. 28th Ave. between Tract 6098 and Sanborn Ave., to G. H. Oswald, 366 East 58th St., $94,554 and $87,675 respectively; grading, and paving, etc., Anaheim St. viaduct, to Pan Pacific Constr. Co., Citizens Natl. Bank Bldg., $43,345. Grand total $254,082.

Calif., Los Angeles—Concrete paving, etc. 911,987 sq.ft. Wodman Ave., to Spencer & Holt, Frost Bldg., $221,737. Noted July 8.

Calif., Los Angeles—Los Angeles Co., concrete paving, etc., Co. Impvt. 580, Vermont Ave., to H. & P. Constr. Co., 5553 South Western Ave., $166,297, and warrenite on concrete surfacing, etc., Rd. Dist. Impvt. 300, Jefferson Blvd., to G. H. Oswald, 366 58th St., $227,140.

Calif., San Diego — Bd. Supervs. San Diego Co., concrete sidewalks, water distribution and sewerage systems, ornamental lighting, and concrete paving, etc., streets in Kensington Park, to O. U. Miracle, 1604 Dale St., $136,224.

Ont., Hamilton—Will pave with concrete Aberdeen Ave. and Hess St. by day labor, under supervision of W. L. McFaul, engr., City Hall. $45,000.

Buildings—Commercial

Proposed Work

Mass., Boston—BANK—State St. Trust Co., State and Congress Sts., having preliminary plans prepared by Allen & Collins, 75 Newbury St., altering and constructing 2 story and basement, brick, stone and steel addition, Massachusetts Ave. and Boylston St. $150,000.

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Mass., Boston—THEATRE—B. F. Keith Theatres, Bway. and 7th Ave., New York City, soon takes bids 4 story and basement, 145 x 215 ft., brick and steel, plain foundation, Washington St. through to Mason St., here. To exceed $150,000. Foundation for above awarded to F. J. Low, 80 Boylston St., archts. est. to exceed $25,000. Noted Sept. 2.

Mass., Cambridge (Boston P. O.) — APARTMENT—Rosenfield Realty Co., 376 Columbus Ave., Boston, plans 4 story and basement, 100 x 115 ft., brick and stone, plain foundation, 15 Linnean St. $300,000. Engineer and architect not selected.

Mass., Chelsea (br. Boston)—TERMINAL—Eastern Terminal Co., c/o T. Roberts, pres., Little Bldg., Boston, plans terminal, incl. 30 oil tanks, capacity 55,000 bbls, each concrete piles and concrete foundations. $1,500,000. Engineer and architect not selected.

Mass., Lexington — TOWN HALL and MEMORIAL—Town, c/o Kilham, Hopkins & Greeley, archts., 9 Park St., Boston, having sketches made brick and stone, Massachusetts Ave. and Plummer St., here. $500,000.

Mass., Newton (Ind. br. Boston)—HOSPITAL—Newton Hospital C. E. Kesley, pres., having sketches made by Densmore, LeClear & Robbins, Park Sq. Bldg., Boston, hospital incl. nurses home and power plant, brick and stone, Beacon St. $1,500,000. Noted July 22.

Conn., Hartford — APARTMENTS — Buckman & Morrissey, 737 Farmington Ave., West Hartford, had plans prepared by G. H. Matthews, 48 Camfield Ave., three 3 story, 40 x 150 ft., brick, stone and steel, Wethersfield Ave. $250,000.

Conn., Hartford — OFFICE — Hartford City Gas & Light Co., 565 Main St., having plans prepared by Buck & Sheldon, 60 Prospect St., brick and steel, Pearl St. $250,000.

Conn., Plainville — THEATRE, STORE, OFFICE and APARTMENT — Sequassen Corp. Inc. having plans prepared by G. Zunner, 182 High St., Hartford, 2 story, 130 x 130 ft., brick, limestone and steel, West Main St. $200,000.

Conn., West Hartford (br. Hartford)—APARTMENT—L. Bell, 56 Boulanger Ave., had plans prepared by G. Zunner, 182 High St., Hartford, brick and steel, incl. refrigeration, etc. Farmington Ave. $150,000 or more.

Conn., Willimantic — THEATRE — L. J. Coriarty, 295 Jackson St., plans 4 story, brick and steel, 1,500 seating capacity. To exceed $150,000.

N. Y., Brooklyn — MASONIC — Menora Masonic Temple, S. Michaels in charge, 403 East 41st St., soon lets contract 4 story, 90 x 125 ft., brick, steel and stone, plain foundation, incl. 2 electric elevators, 5002 14th Ave. $400,000. H. Taussig, 250 Park Ave., New York City, archt. Noted July 15.

N. Y., Brooklyn—OFFICE—Owner, c/o Slee & Bryson, engrs. and archts., 154 Montague St., having plans prepared 10 story, brick, steel and stone, plain foundation, incl. 3 electric elevators, 140 Remsen St. $1,000,000.

N. Y., Brooklyn—SERVICE BUILDING and POWER HOUSE—Lutheran Hospital, East New York Ave., soon takes bids 4 story, rein.-con., brick and steel, plain foundation, East New York Ave. $700,000. R. Resler, 41 East 42nd St., New York City, archt. Noted Apr. 1.

N. Y., Brooklyn—THEATRE—Fox Film Corp., 10th Ave., New York City, plans theatre, 4,300 seating capacity, brick, steel and stone, plain foundation, Flatbush Ave. and Nevins St. $1,500,000.

N. Y., Flushing — APARTMENT — A. Brody, c/o Seelig & Finkelstein, archt., 44 Court St., Brooklyn, having plans prepared 4 story, brick, steel and stone, plain foundation, Parsons Blvd., here. $200,000.

N. Y., New York—APARTMENT—Orney Realty Corp., c/o Gronenberg & Leuchtag, archts. and engrs., 1385 Bway., having plans prepared brick, steel and stone, plain foundation, Popham Ave. and 175th St. $325,000.

N. Y., New York — APARTMENT — B. Gruttman, c/o L. Stillman, archt., 1993 Jerome Ave., having plans prepared 6 story, 200 x 200 ft., brick, steel and stone, plain foundation incl. 2 electric elevators. Grand Concourse. $1,250,000.

N. Y., New York — APARTMENT — Leonard Estates, c/o E. Roth, archt., 119 West 40th St., having plans prepared 15 story, 50 x 100 ft., brick, steel and stone, plain foundation, incl. 3 elevators, Madison Ave. and 70th St. $1,000,000. A. Brociner, 110 West 40th St., engr.

N. Y., New York — APARTMENT — Owner, c/o Glick & Duma, archts., 400 East Fordham Rd., having plans prepared brick, steel and stone, plain foundation, Popham Ave. $300,000.

N. Y., New York—CLUB HOUSE—Boys Club, 161 Avenue A, soon takes bids 6 story brick, steel and stone, plain foundation, East 111th St. J. F. Jackson, 137 East 45th St., engr. and archt. Noted June 24.

N. Y., New York — HOSPITAL — Reconstruction Hospital, E. Gidding, supt., 395 Central Park West, plans 14 story, brick, steel and stone addition, plain foundation, incl. 3 electric elevators, Central Park West and 100th St. $1,500,000. Engineer and architect not selected.

N. Y., New York—HOTEL—Manhattan Square Hotel, 64 West 77th St., having plans prepared by D. M. Oltarsh, archt., 36 West 44th St., brick, steel and stone, plain foundation, 64 West 77th St. $175,000.

N. J., Jersey City—CLUBHOUSE and OFFICE—Order of Odd Fellows, c/o Dodge & Morrison, archts., 160 Pearl St., New York City, soon takes bids 8 story, 90 x 100 ft., brick, steel and stone, plain foundation, here. $200,000. Noted Mar. 24.

N. J., Newark—EXCHANGE—New York Telephone Co., 15 Dey St., having plans prepared by McKenzie, Voorhees & Gmelin, 342 Madison Ave., New York City, engrs. and archts., rein-con., brick and steel, plain foundation, Lombardy and Atlantic Aves. $2,500,000.

N. J., Newark—THEATRE—Fox Film Corp., 10th Ave., New York City, plans theatre, 5,000 seating capacity, brick, steel and stone, plain foundation, Broad and Rector Sts., here. $1,500,000.

Pa., Johnstown — LODGE — Knights of Columbus, C. A. McKeown, chn., having plans prepared by A. M. Tadejeske, Johnstown, 5 story and basement, 90 x 130 ft., brick, steel and Indiana limestone, incl. gymnasium and swimming pool, etc., Vine St. $150,000.

Pa., New Castle — THEATRE — E. E. Henry, Henry Hotel, having plans prepared by F. H. Foulke, Greer Bldg., 3 story and basement, 50 x 155 ft., brick, hollow tile and steel, North Mill St. $200,000.

Pa., Phila.—HOME—Phila. Home for Incurables, 48th St. and Woodland Ave., having plans prepared by Ballinger Co., 12th and Chestnut Sts., (1st unit) home, Belmont Ave. and city line.

Pa., Phila.—HOUSE of CORRECTION—City, rejected bids Sept. 3, group of buildings, incl. 3 story, 50 x 140 ft. administration building, 2 story and basement main building, 2 story, 48 x 60 ft. boiler house, etc., Holmesburg St. Will readvertise. P. H. Johnson, Widener Bldg., archt. Noted Aug. 26.

Pa., Phila.—OFFICE and WAREHOUSE—Phila. Wholesale Drug Co., 645 North Broad St., plans 7 story and basement, approximately 200 x 200 ft., rein.-con., brick and steel, plain foundation, 10th and Spring Garden Sts. Engineer and architect not selected.

Pa., Phila. — RETAIL STORE — Sears, Roebuck & Co., Roosevelt Blvd., having plans prepared by G. C. Nimmons & Co., 122 South Michigan Ave., and takes bids about Oct. 1, 2 story and basement, approximately 120 x 220 ft., brick, steel and concrete, here.

Fla., Tampa—THEATRE and OFFICE—Public Theatre Corp., 16 East 42nd St., New York City, plans 16 story, brick, steel and stone, plain foundation, incl. 4 electric elevators, Tampa St., here. $1,000,000.

La., Coushatta — COURTHOUSE and JAIL — Red River Parish Police Jury, election Sept. 21, $150,000 bonds, 3 story and part basement, rein.-con., brick and stone, plain foundation. H. J. Duncan, Alexander, archt. Noted Mar. 5, 1925.

La., Lake Charles — OFFICE — W. P. Weber, et al., 623 Pujo St., takes bids in October, 6 story, 50 x 153 ft., brick, steel and stone, Pujo and Ryan Sts. $400,000. Livesay & Wiedemann, 607 San Jacinto Life Bldg., Beaumont, Tex., archts. Noted Sept. 9.

O., Akron—HOSPITAL—Trustees Childrens Hospital, East Buchtel Ave., having plans prepared by Good & Wagner, engrs. and archts., Mohawk Bldg., 4 story and basement, 43x140 ft. with 36x55 ft. and 38 x 130 ft. wings, brick and terra cotta, West Buchtel Ave. $450,000.

O., Cincinnati—APARTMENT—St. James Realty Co., Providence Bank Bldg., having plans prepared by L. G. Dittoe, 1106 Ingalls Bldg., 3 story and basement, 100 x 203 ft., rein.-con. and brick, plain foundation, St. James St. $300,000.

O., Cleveland—COMMERCIAL and APARTMENT—M. Stern, 3252 East 119th St., having plans prepared by M. Altschuld, 5116 Woodland Ave., 3 story and basement, 81x122 ft. brick and timber, incl. steam heating, Detroit Ave.

O., Columbus — RESTAURANT — Maramor Restaurant Co., 112 East Broad St., M. L. McGucken, pres., having plans pre-

Buildings—Commercial (Continued)

pared by Howell & Thomas, 4500 Euclid Ave., Cleveland, 3 story and basement, 93¾ x 187½ ft., brick, steel, stone and terra cotta, East Broad St. $225,000.

O., East Liverpool—CITY HALL—City plans brick city hall. $225,000. J. A. George, East Liverpool, engr.

O., Marietta — HOSPITAL — Marietta Memorial Hospital having plans prepared by S. Hannaford & Sons, 1024 Dixie Terminal Bldg., Cincinnati, 3 story an basement, rein.-con. and brick, plain foundation, Main St. $250,000.

Ill., Aurora—HOTEL—Hotel Aurora Co., H. H. Dunbar, pres., having plans prepared by W. Scott Armstrong and K. T. White, 200 East Superior St., Chicago, 9 story and basement, concrete, brick and steel and terra cotta, Island and River St. $250,000 up.

Ill., Chicago—APARTMENT—A. Quitsow, archt., 11 South La Salle St., preparing plans and takes bids about Sept. 15, 3 story and basement, 89½ x 146 ft., brick and stone, Thome and Hermitage Aves., for Shoenlank & Kirschner, 4753 Bway. $250,000.

Ill., Chicago—APARTMENT—H. K. Holsman, archt., 307 North Michigan Ave., prepared plans and takes bids about Sept. 23, 16 story, 110x112 ft., rein-con., brick and stone, incl. 3 elevators, and electric unit refrigerators or control refrigeration plant, East 67th St. near Crandon Ave., for South Shore Building Enterprise Syndicate, c/o architects. $1,250,000. Noted July 15.

Ill., Chicago—APARTMENT HOTEL and STORE—M. Leviton, archt., 160 North La Salle St., preparing plans and takes bids about Oct. 10, 6 story and basement, 50 x 125 ft., stone and terra cotta, incl. 2 elevators, etc., Roscoe and Paulina Sts., for Roscoe Apartment Building Corp., c/o architect. $400,000.

Ill., Chicago—APARTMENT HOTEL and STORE—M. Leviton, archt., 160 North La Salle St., soon lets contract 6 story and basement, 50 x 125 ft., brick and terra cotta, incl. 2 elevators, 839-841 Diversey Parkway, for E. Reiner, 77 West Washington St. $350,000.

Ill., Chicago—COURT HOUSE and JAIL—Comrs. Cook Co. County Bldg., had plans prepared by E. E. Hall, 123 West Madison St. and takes bids about Sept. 15, 6 story, 175 x 250 ft., concrete, steel, brick and stone criminal court building, incl. 14 elevators, 5 story and basement, 50 x 148 ft., concrete and brick administration and jury building, incl. 1 elevator and four 4 story and basement, 33 x 330 ft., concrete cell buildings connected by 2 story corridor, South California Ave. and West 26th St. $3,250,000. Noted Dec. 3.

Ill., Chicago — COURT HOUSE and POLICE STATION—City, A. A. Sprague, comr. Pub. Wks., had plans prepared by A. E. Robinson, City Hall and takes bids about Sept. 22, steel fabrication 14 story and basement, 120 x 140 ft., rein.-con., brick and stone, caisson foundation, 1121-23 South State St. $2,500,000. Noted July 15.

Ill., Chicago—HALL, HOTEL, STORE, etc.—Michaelson & Rognstad, archts., 3815 West Congress St., prepared plans and take bids about Sept. 15, 3 story and basement, 100 x 100 ft., brick, Wentworth Ave. and 22nd Pl., for Chinese Merchants Assn., c/o architects. $250,000. Noted July 15.

Ill., Chicago—OFFICE and STORE—J. Kulp, 33 South La Salle St., having preliminary sketches made by A. S. Alschuler, 28 East Jackson Blvd., 20 story and basement, 80 x 172 ft., rein.-con., brick, steel and terra cotta, Wabash Ave. and East Harrison St. $3,000,000.

Ill., Chicago—OFFICE and STORE—E. L. Farwell, 1301 Ritchie Court, having plans prepared by P. Maher, 157 East Erie St., 9 story and basement, 60x75 ft., limestone, bronze and marble, incl. 2 elevators, etc., Michigan Blvd. and Erie St. $1,000,000.

Ill., Joliet — Joliet Y. M. C. A., c/o A. Montzheimer, ch. engr., Elgin, Joliet & Eastern Ry. Co., having preliminary plans prepared concrete, brick and stone Y. M. C. A. building. $500,000. Architect not selected.

Ill., Oak Park—LODGE—Lodge Four-Hundred-and-Fifty & Siloam Commandery, c/o Thielbor & Fugard, 219 South Superior St., having plans prepared 2 story, 109 x 140 ft., brick and stone, incl. ballrooms, stages, etc., Lake St. and Forest Ave. $265,000.

Ill., Winnetka — STORE and APARTMENT — Perkins, Fellows & Hamilton, archts., 812 Tower Court, Chicago, prepared plans and takes bids about Sept. 20, 3 story, brick and rein.-con., Chestnut St., here, for M. K. Meyer, Winnetka. $160,000. Noted Aug. 5.

Wis., Milwaukee—COURT HOUSE—Milwaukee Co., H. O. Franke, chn. building com., 4419 North Ave., plans probably 9 story, stone, concrete and steel, 9th St. $6,000,000. Engineer and architect not selected.

Wis., Milwaukee — MOSQUE — Tripoli Temple, Nobles of the Mystic Shrine, 399 4th St., having revised plans prepared by Clas, Shepherd & Clas, 445 Milwaukee St., 3 story and basement, brick and concrete, plain foundation, Grand Ave. $400,000.

Tex., Galveston — HOTEL — Boulevard Hotel Co. takes bids after Nov. 1, 12 story and basement, rein.-con., brick and stone, plain foundation, incl. 4 elevators. $1,300,000. P. G. Silber & Co., 3?? Bedell Bldg., San Antonio, archts. Noted June 17.

Tex., San Antonio—CLUB—Kelwood Co., archts., c/o Travis Bldg., soon lets contract 6 story and basement, 10 x 140 ft., rein.-con., brick and stone, plain foundation, Presa and Crockett Sts., for San Antonio-Casino Club, c/o architects. $300,000. Noted Mar. 11.

Tex., Wichita Falls — CITY HALL and AUDITORIUM—Election Sept. 30, $500,000 bonds, new city hall and auditorium. W. E. McBroom, city secy.

Wash., Mt. Vernon — HOTEL—G. E. Goldfinch plans 125 room hotel. $181,000.

Wash., Seattle—APARTMENT—E. Guenther, archt., Ry. Exch. Bldg., soon lets contract 10 story and basement, rein.-con., brick and terra cotta. Madison and Terry Aves. $750,000. Owners' name withheld. Noted Aug. 5.

Wash., Seattle—APARTMENT HOTEL—McClelland & Pinneh, archts., Crary Bldg., preparing plans and take bids about Oct. 25, 14 story and basement, 120 x 120 ft. apartment hotel, 9th and Olive Sts., for Camlin Investment Co., c/o architects.

Wash., Seattle—CLUB—Lakeside Club plans 6 story and basement, 75 x 200 ft., concrete and steel, on Lake Washington, incl. golf course and swimming pool, etc. $1,500,000.

Wash., Seattle—OFFICE—B. L. Smith, c/o L. C. Smith Bldg., plans 18 story office and commercial building, Occidental Ave. and Yesler Way. $2,000,000.

Calif., Los Angeles—HOTEL—W. A. Brown, Hoovgr St., had plans prepared by A. R. Sedgley, 1103 Kerckhoff Bldg., 8 story and basement, 80x150 ft., rein.-con., tile, stone, and steel, incl., electric elevator and gas heating, Bonnie Brae St. $350,000.

Calif., Los Angeles—LODGE—Knights of Pythias, c/o Jeffery & Schafer, archts., Kerchhoff Bldg., plans 4 or 6 story, 140x240 ft., Class A construction, Pico and Albany Sts.

Calif., Oakland — WAREHOUSE — Parr Terminal Co., foot of 7th St., having plans prepared 1 story 160 x 600 ft., rein.-con., foot of 7th St. $150,000 or more. J. J. Walsh, 112 Market St., San Francisco, engr.

Calif., Richmond—WAREHOUSE—Standard Sanitary Mfg. Co., 10th and Brannan Sts., San Francisco, soon takes bids 3 story, rein.-con. warehouse. To exceed $150,000. J. J. Donovan, Tapscott Bldg., Oakland, archt. Noted Aug. 5.

Calif., Sacramento—APARTMENT—F. S. Harrison, archt., Peoples Bank Bldg., preparing preliminary plans, 3 story and basement, brick and stucco apartment. $150,000. Owner's name withheld.

Calif., Sacramento— THEATRE— Starks & Flanders, archts., Oschsner Bldg., Sacramento, prepared plans and taking bids, steel for theatre, 31st and K Sts., for Granada Co., c/o archts. $350,000.

Calif., San Diego—APARTMENT—R. T. Robinson, c/o Walker & Eisen, archts., Great Republic Bldg., Los Angeles, having plans prepared 12 story and basement, 80 x 135 ft., rein.-con., brick and stone apartment.

Calif., San Diego — HOTEL — C. D. Whalen, secy. and treas. San Diego Hospital Assn., plans modern 125 bed hospital. $375,000.

Calif., Santa Monica — CLUB — Crystal Pier Beach Club had plans prepared by L. A. Bryant, 700 South La Brea Ave., Los Angeles, 3 story, 161x300 ft., rein.-con. at Nat Goodwin Pier. To exceed $150,000.

Ont., Hamilton — OFFICE — Browning, Harris, Denman Co., soon takes bids 10 story, brick and stone office building. $750,000.

Ont., Toronto—EXHIBITION—Canadian Natl. Exhibition, Lumsden Bldg., having plans prepared by J. J. Woolnough, City Hall, 1 and 2 story, rein.-con., brick and steel, plain foundation. Exhibition Park. $1,000,000. Noted June 24.

Que., Montreal — HOSPITAL — Womans Hospital, St. Catherine St. W., had plans prepared by J. Sawyer, 405 Guy St., and takes bids latter part of September, 4 story 150 bed, brick and stone, Tupper St. $300,000.

Bids Desired

Me., Lewiston — APARTMENT—Higgins Bros., 363 Main St., taking bids 3 story and basement, 75 x 100 ft., brick, plain foundation, Main and Holland Sts. $150,000. O. H. S. Coombs, 11 Lisbon St., archt. Noted Aug. 12.

Mass., Boston—STORE and OFFICE—L. K. Liggett Co., 41 East 42nd St., New York City, taking bids 6 story and basement, 75 x 100 ft., brick, Boylston St. and Park Sq. To exceed $150 000. W. T. Williams, c/o owner, archt.

Mass., Cambridge (Boston P. O.) — STORE and OFFICE—D. Kasanof, 62 Homestead St., Roxbury, taking bids 3 story and basement, 75 x 90 ft., brick and stone, plain foundation, Massachusetts Ave., here. $150,000. S. S. Eisenberg, 46 Cornhill, Boston, archt.

Mass., Cambridge (Boston P. O.) — STORE and SALESROOM—Harvard College, G. A. Giles, dir. of property, taking bids 5 story and basement, 80 x 90 ft., brick and stone, plain foundation, Massachusetts Ave. and Douglas St. To exceed $150 000. J. Purdon, 50 Congress St., Boston, archt.

Mass., New Bedford — STORAGE — D. Duff & Son, 640 Pleasant St., taking bids 3 story, rein.-con. and brick, plain foundation. $150,000. C. Hammond & Son, 179 North Water St., archts.

Conn., Bridgeport—APARTMENTS—See "Contracts Awarded."

Conn., New Haven—APARTMENT—See "Contracts Awarded."

Conn., New Haven — STORE and GARAGE — See "Contracts Awarded."

N. Y., Brooklyn—HOSPITAL, etc.—Sept. 21, by B. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., New York City, new wing and laboratory building, at Kings County Hospital, Winthrop St., here. Dodge & Morrison, 150 Pearl St., New York City, archts. Noted Dec. 10.

N. Y., Kings Park—LABORATORY and MORTUARY—Sept. 29, by State Hospital Comn., Capitol, Albany, constructing laboratory and mortuary, at State Hospital, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. Sept. 16.

N. Y., New York—APARTMENT—See "Contracts Awarded."

Pa., Elizabethtown — HOSPITAL—Sept. 20, by State, Dept. Pub. Welfare, Harrisburg, 3 story and basement, 49 x 142 ft., rein.-con., brick, steel and hollow tile, plain foundation, near here. $200,000. Thomas Martin & Kirkpatrick, 220 South 16th St., Phila archts. Noted Apr. 8.

Pa., Mt. Carmel—THEATRE, LODGE, etc.—Sept. 23, by W. A. Hall, archt., Upper Darby (Phila. P. O.), 1 and 2 story, 112 x 150 ft., theatre, lodge, store and apartment, here, for Sons of Veterans, Burnside Post.

Pa., Phila.—RECREATION—Sept. 17, by Dept. Pub. Welfare, Bureau Recreation, C. H. Grakelow, dir., W. Freeland, Kendrick Recreation Bldg., 1 and 2 story and basement, 43 x 259 ft., rein.-con., brick, steel and granite, plain foundation, Ridge Ave. and Roxborough St. P. H. Johnson, Widener Bldg., archt.

D. C., Wash.—MEDICAL—Sept. 30 (extended date), by Chief Clerk Dept. Interior, brick medical building, at Howard University. Noted Sept. 9.

Ala., Birmingham—STORE—Oct. 1, by Miller & Martin, archts., Title Bldg., 3 story, 75 x 140 ft., limestone or terra cotta, incl. sprinkling system, etc., North 20th St., for G. G. Crawford, et al., B. M. Bldg. $500,000.

La., Baton Rouge—HOTEL—See "Contracts Awarded."

O., Cincinnati — OFFICE — Oct. 1, by Garber & Woodward, archts., 4 West 4th St., 8 story and basement, 210 x 288 ft., rein.-con. and brick, plain foundation, Vine St., for Union Central Life Insurance Co., 4th and Vine Sts. $2,250,000. Noted Jan. 28.

Ill., Chicago—APARTMENT—See "Contracts Awarded."

Ill., Chicago — APARTMENT HOTEL—P. Ram, 3232 West Division St., taking bids 4 story and basement, 104 x 178 ft., brick and terra cotta, incl. oil heating, refrigerators, etc., Kedzie and Pierce Aves. $350,000. E. Steinborn, 179 West Washington St., archt.

Wis., Kenosha — EXCHANGE — Eschweiler & Eschweiler, archts., 210 Mason St., Milwaukee, taking bids 2 story and basement, 102 x 120 ft., brick and concrete, plain foundation, Congress St., for Wisconsin Telephone Co., 418 Bway., Milwaukee. $150,000. Noted Mar. 25.

Wis., Milwaukee—APARTMENT—Priebe Realty Co., 2417 State St., taking bids 4 story and basement, 42 x 120 ft., brick, steel and concrete, plain foundation. $150,000. P. Bennett, 1126 North Ave., archt.

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Buildings—Commercial (Continued)

Wis., Milwaukee — STORE — Sept. 21, Tharinger & Bruecker, archts., 496 Cramer St. 2 story and basement, 77 x 130 ft., brick, concrete and terra cotta, plain foundation, Green Bay Ave., for H. P. Haushalter, 1448 Green Bay Ave. $150,000. Noted May 27.

Wis., Milwaukee—THEATRE and BUSINESS—C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., taking bids 2 story and basement, 90 x 290 ft., brick, concrete and terra cotta, plain foundation, 49th St. and Lisbon Ave., here, for Saxe Amusement Enterprises, 530 Grand Ave. Noted Feb. 4.

Wis., Milwaukee—THEATRE and BUSINESS—H. D. Werwath, archt., 1266 Oakland Ave., taking bids 2 story and basement, brick, concrete and terra cotta, plain foundation, Oakland Ave., for O. L. Gellerop, 430 Thomas St. $250,000.

Wis., Oshkosh—BANK—Sept. 22, by J. F. Dreger, archt., 115 Main St., remodeling 4 story bank, for Security Bank of Oshkosh, 914 Oregon St. $150,000.

Neb., Norfolk—THEATRE, STORE and OFFICE—See "Contracts Awarded."

Tex., San Antonio—OFFICE—Natl. Bank of Commerce, c/o J. K. Bereta, pres., taking bids and open same about Sept. 18, 5 story 90 x 140 ft., rein.-con. and brick top addition, Soledad St. $200,000. Adams & Adams, c/o Builders Exch. Bldg., archts. Noted June 8.

Calif., Glendale — APARTMENTS — See "Contracts Awarded."

Calif., San Francisco — APARTMENT — See "Contracts Awarded."

Calif., Santa Barbara—HOSPITAL—St. Francis Hospital, taking bids 4 story and basement, 90 x 265 ft., rein.-con., steel and tile, incl. elevator and steam heating system, Santa Barbara St. $225,000. A. R. Hutchason, 924 Van Nuys Bldg., Los Angeles, archt. Noted July 1.

Bids Received

Mass., Fitchburg—HOSPITAL—Burbank Hospital Building Com., Sept. 8, 2 story and basement 37 x 183 ft., brick and steel ward, also power house, from T. A. Cassidy, 54 Boylston St., $208,500. Noted Sept. 2.

Calif., Alameda—HOTEL and APARTMENT—Alameda Community Hotel Corp., general contract 3 story and basement, rein.-con., Bway. between Central and Santa Clark Aves., from Jacks & Irvine, 180 Jessie St., San Francisco, $208,567.

Contracts Awarded

Me., Augusta — ADMINISTRATION — Central Maine Power Co., Water St., 3 story and basement, 42 x 170 ft., rein.-con. and brick, on hill overlooking Kennebec River, to Morton C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

Mass., Boston—BANK—Natl. Shawmut Bank, 40 Water St., altering 3 story and basement, brick, stone and steel, plain foundation, to I. G. Hersey & Sons Co., 75 Wareham St. Archts. est. $150,000 or more.

Mass., Boston—GARAGE—E. L. Sturtevant, 311 Tappan St., Brookline, 4 story, 160 x 210 ft., rein.-con., brick and steel, Gainsboro and St. Botoplh Sts., to J. Shapiro, 27 School St. Archts. est. $300,000. Noted Sept. 2.

Mass., Medford (br. Boston)—BANK—First Natl. Bank, c/o Hutchins & French, 11 Beacon St., Boston, 1 story and basement, rein.-con., brick and steel, plain foundation, Medford Sq., to C. S. Patten, 139 West Emerson St., Melrose. Archts. est. $150,000. Noted Sept. 2.

Mass., Somerville—STORE, OFFICE and STORAGE—Royal Furniture Co., 67 Canal St., Boston, 3 story and basement, rein.-con. and brick, plain foundation, to L. C. Locatelli, 24 Union Sq. Archts. est. $150,000.

Mass., South Boston (sta. Boston)—GARAGE—Old Colony Realty Co., c/o J. D. Marr, 384 Dorchester Ave., will build 1 and 2 story, 195 x 200 ft., rein.-con., plain foundation, Old Colony Ave. and D St. $175,000. Work will be done by separate contracts. E. N. Adam, 86 Everett Ave., Arlington, archt. and engr.

Mass., Woods Hole—APARTMENT and DORMITORY—Marine Biological Laboratory, 3 story and basement, 30 x 120 ft. apartment, two 30 x 56 ft. wings and 55 x 110 ft. dormitory, Center and East Sts., to T. F. Kelleher, Sandwich. Archts. est. to exceed $150,000. Noted Aug. 26.

Conn., Bridgeport — APARTMENTS—W. F. Chatlos, Broad St., Stratford, will build three 3 story and basements, brick and steel, one at 1250 Fairfield Ave., one at 1240 Fairfield Ave. and other Orchard St. and Boston Ave., here, by day labor. $175,000. Private plans.

Conn., New Britain—APARTMENT—G. Ratner, 42 Church St., New Haven, 3 story, brick and steel, plain foundation, West Main and Vine Sts., to Ratner Constr. Co., 42 Church St., New Haven. Archts. est. $150,000. Noted Apr. 29.

Conn., New Britain — APARTMENT — F. O. Rackliffe, 256 Park St., 3 story and basement, brick and steel, Glen St., to W. H. Allen, 12 Glen St. Archts. est. $150,000. Noted Aug. 19.

Conn., New Haven — APARTMENT — Lebedeker & Drutman, 29 Truman St., will build 4 story, brick, steel and stone, incl. refrigeration, elevator, etc., Livingston St., by day labor. $150,000. J. Weinstein, Metropolitan Bldg., archt. Noted Sept. 9.

Conn., New Haven — APARTMENT — L. Resnikoff, 112 Hurlburt St., will build 6 story, brick, steel and stone, Dwight St. $275,000. Work will be done by separate contracts. C. Abramowitz, 42 Church St., archt. Noted July 29.

Conn., New Haven — STORE and GARAGE — G. Ratner, 42 Church St., will build 2 story, 50 x 480 ft., brick and steel, Chapel St., by day labor. $150,000. J. Weinstein, 42 Church St., archt.

N. Y., New York—APARTMENT—Salson Building Corp., c/o I. S. Cransman, archt., 370 East 149th St., will build 5 story, brick, steel and stone, plain foundation, incl. 2 electric elevators, Cypress Ave., by day labor. $150,000.

N. Y., New York — HOME — Roman Catholic German Immigrants, 330 West 23rd St., 8 story, brick, steel and stone addition, plain foundation, incl., 3 electric elevators, to Niewenhous Co., Inc., 16 East 43rd St. Archts. est. $250,000.

N. Y., New York—LOFT—Amer. Bookbinding Co., 406 West 31st St., 12 story, 90 x 200 x 260 ft., rein.-con., brick and steel, plain foundation, West Houston and King Sts., incl. 4 electric elevators, to White Constr. Co., 95 Madison Ave. Archts. est. $1,500,000. Noted Aug. 5.

N. Y., New York—OFFICE—Arnheims Estate, 21 East 57th St., brick, steel and stone, plain foundation, incl. 3 electric elevators, 21 East 57th St., to G. Richard Davis & Co., 12 East 42nd St. Archts. est. $350,000.

Md., Balitmore—INDUSTRIAL HOME—Salvation Army, A. Harvey, captain, Sharp and Montgomery Sts., 3 story and basement, 80 x 100 ft., brick and steel, plain foundation, Fremont, Briscoe and Henrietta Sts., to Cogswell-Koether Co., 406 Park Ave. $150,000.

Miss., Biloxi—HOTEL—C. Matthes, archt., 6 story, rein.-con., brick, stone and terra cotta, East Beach St., to Kaucher-Hodges Constr. Co., Shrine Bldg., Memphis, Tenn., for Dorries Hotel Co., c/o L. Braun, Howard Ave. and Lemeuse St. Archts. est. $500,000. Noted June 3.

La. Baton Rouge—HOTEL—W. H. Williams, 816 Howard Ave., New Orleans, will build 13 story and basement, rein.-con., brick and steel hotel, here. $1,000,000. Work will be done by separate contracts. Jones, Roessle, Olschner & Weiner, Maison Blanche Bldg., New Orleans, archts.

La., New Orleans — OFFICE — New Orleans Pub. Serv., Inc., 201 Baronne St., 8 story, rein.-con., brick and steel office building, with 5 high speed elevators, Baronne and Union Sts., to G. J. Glover Co., Inc., Whitney Bldg., $1,200,000. Noted July 1.

O., Cleveland—BANK and OFFICE—Cleveland Trust Co., c/o A. A. McCaslin, East 9th St. and Euclid Ave., 2 story and basement, 80 x 120 ft., brick, steel and concrete, Lorain Ave. and Riverside Dr., to Bolton-Pratt Constr. Co., 7113 Euclid Ave. Archts. est. $150,000.

Ind., Richmond—HOTEL and STORE—Mills-Holden Corp., general contract 7 story and basement, 160 x 350 ft., rein.-con., brick and steel, incl. elevators and steam heating system, 9th and South A Sts., to Reisinger Constr. Co., 464 Oakland St., Milwaukee, Wis. Archts. est. $1,000,000.

Ill., Chicago—APARTMENT—A. Willie, 1201 Chase Ave., 3 story and basement, 110 x 150 ft., brick, Jarvis Ave. and on Lake Michigan, masonry contract, to J. Anderson & Sons, 4753 Bway. plumbing, to W. D. Morant, 2638 Albion Ave., and carpentry work by day labor. Archts. est. $260,000.

Ill., Elgin—OFFICE—Wolf, Sexton, Harper & Treux, archts., 431 North Michigan Ave., Chicago, general contract 9 story and basement, 61 x 125 ft., rein.-con. and brick, here, to C. E. Giertz, Elgin, for Syndicate, c/o architects. Archts. est. $400,000. Noted July 29.

Ill., Elmhurst — BANK, STORE and OFFICE—Elmhurst State Bank, 2 story and basement, 96 x 135 ft., rein.-con., steel granite and stone, to Ehlers Bros., York Theatre Bldg. Archts. est. $250,000.

Ill., Joliet—HOTEL—Zimmerman, Saxe & Zimmerman, archts., 213 East Superior St., Chicago, 8 story and basement, 80 x 150 ft., rein.-con., brick, and terra cotta, Clinton and Scott Sts., here, to Kaiser-Ducey Co., Joliet, for Clinton Square Hotel Co., 415 Clinton St. Noted July 8.

Ill., Springfield—BANK and OFFICE—Ridgeley Farmers State Bank, E. D. Keys, pres., 7 or 13 story and basement, 63 x 97 ft., limestone, granite and steel, 5th and Monroe Sts., to S. M. Siesel Co., 160 Ogden Ave., Milwaukee, Wis. Noted July 1.

Ia., Cedar Rapids — HOTEL — H. P. Beidler, archt., 936 North Michigan Ave., Chicago, Ill., general contract 12 story, 40 x 140 ft., rein.-con., brick and terra cotta, here, to O. F. Paulson Constr. Co., Cedar Rapids, for Krenn & Dato, 936 North Michigan Ave., Chicago, Ill. Archts. est. $1,250,000. Noted July 29.

Neb., Lincoln—OFFICE—Federal Securities Co., 147 South 11th St., general contract 12 story, 86 x 87 ft., rein.-con., brick and terra cotta, 13th and North Sts., to Olson Constr. Co., 205 Presse Bldg. Archts. est. $590,000.

Neb., Norfolk—THEATRE, STORE and OFFICE—J. Koenigstein, 1204 Norfolk Ave., will build 2 story and basement, 90x110 ft., rein.-con., 5 Norfolk Ave., by day labor. $150,000. E. B. Watson, Parish Bldg., archt.

Mo., Jefferson City — HOTEL — Central Hotel Co., 10 story and basement, 75 x 200 ft., rein.-con., here, to G. F. Green, Rialto Bldg., Kansas City.

Mo., Kansas City — BUSINESS — Dierks Investment Co., Kansas City, 8 story, 95 x 115 ft., rein.-con., brick and steel top addition, 10th and Grand Sts., to Swenson Constr. Co., Kansas City. Archts. est. $500,000.

Mo., Kansas City — THEATRE, STORE and OFFICE — Midland Theatre & Realty Co., 20 East 14th St., 12 story and basement, 121 x 255 ft., rein.-con., brick, steel and terra cotta, incl. 3 elevators 13th and Main Sts., to Boaz-Kiel Constr. Co., 7th and Locust Sts., St. Louis. Archts. est. $3,800,000. Noted Aug. 12.

Mo., St. Louis—CIVIL COURTS—Bd. Pub. Serv., 208 City Hall, fabricating and delivering 55 tons steel for civil courts building, to Mississippi Valley Structural Steel Co., 3117 Big Bend Rd., $467,280; and erecting same, to St. Louis Steel Erection Co., Syndicate Trust Bldg., $89,100. Noted Sept. 9.

Mo., St. Louis—POLICE OFFICE—St. Louis Metropolitan Police Dept., A. C. Orrick, pres., 5 story and basement, 137 x 216 ft., brick, concrete and stone, concrete pile foundation, 12th and Clark Sts., to Cornet & Casey Constr. Co., Chemical Bldg.

Wash., Seattle—APARTMENT—E. & R. Investment Co., c/o W. H. Milner, archt., Haight Bldg., 4 story and basement, 120 x 120 ft., rein.-con. and timber, 17th St., N. and East John St., to Seattle Constr. & Finance Co., Empire Bldg. Archts. est. $225,000.

Calif., Glendale—APARTMENT—A. T. Pelton, 6001 Santa Monica Blvd., Los Angeles, 4 story and basement, brick, Colorado St. and Central Ave., here, to S. C. Clark, 6001 Santa Monica Blvd., Los Angeles. $155,500.

Calif., Glendale — APARTMENTS — S. Miller, 1127 North Howard St., will build two 4 story and basement, brick, North Jackson St., by day labor. $160,000 each.

Calif., Long Beach—LABOR TEMPLE—Union Labor Temple Assn., 3 story and basement, brick and steel, Locust Ave., to C. Neilson, Pacific Southwest Bank Bldg., approximately $165,500.

Calif., Los Angeles—APARTMENT—A. T. Pelton, 6001 Santa Monica Blvd., 3 story and basement, frame and stucco, Oakwood and Normandie Aves., to S. C. Clark, 6001 Santa Monica Blvd., $165,000.

Calif., Los Angeles—OFFICE and THEATRE—N. W. Stowell, c/o Morgan, Walls & Clements, archts., Van Nuys Bldg., 100 x 150 ft., rein.-con., Hill St., to Scofield Eng. & Constr. Co., Pacific Finance Bldg. Archts. est. $600,000.

Calif., Oakland — APARTMENT — Five Hundred Eight Grand Avenue, Inc., c/o H. C. Baumann, Inc., archts., 251 Kearny St., San Francisco, 16 story and basement, steel apartment, Grand Ave., to Starr, Thebo & Anderton, 518 Sharon Bldg., San Francisco. Archts. est. $1,500,000.

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Buildings—Commercial (Continued)

Calif., San Francisco—APARTMENT—C. J. Keenan 110 Sutter St., will build 6 story and basement, steel and concrete, California St. near Stockton St. $175,000. W. W. Breite, Clunie Bldg., engr.

Calif., San Francisco — APARTMENT — Selman & Midbust, 529 Pierce St., will build 5 story and basement, rein.-con., Fulton and Steiner Sts., by day labor. $157,000.

Calif., Taft—HOTEL—S. Orloff, 5 story, 75 x 125 ft., rein.-con. brick and stone, incl. steam heating and elevators, 5th and North Sts., to L. A. Building & Contg. Co., 4816 West Pico St., Los Angeles, $200,000.

Ont., Hamilton — OFFICE — Browning-Harris-Denman Co., 31 Main St., E., 10 story, 85 x 150 ft., concrete, steel and stone, incl. steam heating system, Main St., to W. H. Yates Constr. Co., 17 Main St., E. Archts. est. $500,000.

Buildings—Industrial

Proposed Work

Mass., Billerica—BOILER HOUSE—Boston & Maine R. R., F. C. Shepherd, ch. engr., North Sta., Boston, had plans prepared 2 story, 150x570 ft., rein.-con., brick and steel boiler house, here $500,000. Private plans.

Mass., Cambridge (Boston P. O.) — BOILER PLANT—Comrs. Middlesex Co., A. Cutting, chn., Court House, having plans prepared, 1 story and basement, brick and stone, in East Cambridge. $175,000. E. C. Brown & Co., 220 Devonshire St., Boston, engrs.

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE—H. Chisholm, archt., 46 Cornhill, Boston, preparing plans 1 story, 150 x 150 ft., rein.-con. and steel, plain foundation, 1230 Massachusetts Ave., here. Owner's name withheld.

Mass., Newton (Ind. br. Boston) — POWER HOUSE—See "Buildings — Commercial."

N. Y., Long Island City—FACTORY—J. Teleyan, c/o Parker & Schaffer, archts. and engrs., 280 Madison Ave., New York City, having plans prepared, 6 story, 100 x 100 ft., rein.-con., brick and steel, plain foundation, Henry and Williams St., here. $500,000.

N. Y., Middle Village—POWER HOUSE—Metropolitan Recourses, 111 Bway., New York City, having plans prepared by Lockwood, Greene & Co., engrs. and archts., 100 East 42nd St., New York City, rein.-con., brick and steel, plain foundation, here. $250,000.

La., Shreveport — PACKING PLANT — Shreveport Packing Plant, having plans prepared by C. W. King, Giddens-Lane Bldg., 2 story, 90 x 125 ft., rein.-con., brick and steel, incl. plumbing, etc. $62,000.

Tenn., Chattanooga — PLANT — Casey Hedges Co., Vulcan St., plans 100 x 500 ft., rein.-con. and brick plant.

O., Cleveland—FACTORY—Chain Products Co., F. G. Hodell, pres., 3924 Cooper Ave., having plans prepared by Carter Richards Co., engrs. and archts., Engineers Bldg., 2 story and basement, 55x144 ft., brick and timber, Cooper Ave. $60,000.

O., Jackson — REPAIR GARAGE — G. Clark plans 2 story and basement, 35x100 ft., brick and concrete, Portsmouth St. $50,000.

Ind., Indianapolis — FACTORY — Bowes Seal Fast Corp. having plans prepared by Ostrom Realty & Building Co., Peoples Bank Bldg., 2 story and basement, 47 x 190 ft., brick, incl. steam heating, 226 North Pine St. $40,000.

Ill., Evanston — PLANT — Merkle Dairy Co., 2752 Best Ave., Chicago, had plans prepared by M. F. Stranch, 800 West North St., Chicago, and takes bids about Oct. 1, 1 and 2 story, 100 x 120 ft., concrete and terra cotta, Church St., here, $125,000; also masonry contract for (1st unit) 1 story, 75 x 200 ft., brick in rear of above, to F. Stuckenberg, 4152 North Richmond St., Chicago. Archts. est. $28,000.

Wis., Green Bay—MACHINE SHOP—Standard Oil Co., 414 Sycamore St., Milwaukee, had plans prepared by R. N. Allen, 910 South Michigan Ave., Chicago, Ill., and soon takes bids 1 story, brick and concrete, plain foundation, here. $40,000.

Minn., Rochester — POWER PLANT — Kahler Corp. & Mayo Clinic, having plans prepared by Ellerbe Co., archts. and engrs., 692 Endicott Bldg., St. Paul, 2 and 3 story and basement, rein.-con., brick and steel power plant. $350,000.

Mo., Kansas City—STORAGE PLANT—City Ice Co. having plans prepared 1 story, 60 x 92 ft. addition, 4826 Oak St. Private plans.

Mo., Kansas City—POWER PLANT—Henrici Lowry Eng. Co., engrs., 402 Security Bldg., soon take bids three 70 x 75 ft. steel buildings, for Dierks & Son Lumber Co., 19th St. and Woodland Ave.

Mo., St. Louis — LAUNDRY — Dinks Parish Laundry Co., 3124 Olive St., soon takes bids altering 2 story and basement, 45 x 117 ft., brick and concrete laundry and constructing 40 ft. addition, Olive St. $50,000. W. Levy, Dolph Bldg., archt.

Tex., Amarillo—COTTON MILL—Galveston & Ft. Worth Cotton Mills, c/o E. M. De Loach, Galveston, plans 14,000-16,000 spindle capacity brick, stone, steel and rein.-con. mill. $600,000 or more.

Tex., Brownsville—ELECTRIC PLANT—City plans election $100,000 bonds, extending electric light lines and turbines for plant, etc. Address Mayor.

Tex., Cisco—COLD STORAGE PLANT—Turner-Coffield Co., 828-30 Franklin Ave., Waco, having preliminary plans prepared 50 ton capacity cold storage plant and produce house, here. $40,000. Private plans.

Tex., Corpus Christi—POWER PLANT—Nueces Hotel, c/o W. W. Jones, Corpus Christi, plans brick, stone, and rein-con. power plant. $50,000. Private plans.

Tex., Tyler—BAKERY—Southwest Baking Co., c/o E. Goodman, pres., 3005 Elm St., Dallas, plans brick, stone, and rein.-con. bakery. $50,000. Engineer and architect not selected.

Okla., Oklahoma City — GASOLINE PLANT—Red Seal Refining Co. had preliminary plans prepared cracking gasoline plant requiring 4 high pressure stills. $150,000. F. C. Young, pres.

Wash., Olympia—COLD STORAGE and WAREHOUSE—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Calif., Oakland — FACTORY — Sulmock Furniture Co., 1501 37th Ave., having plans prepared by A. W. Smith, Amer. Bank Bldg., 1 story, 40 x 490 ft., brick, 37th Ave. and East 14th St., replacing plant recently destroyed by fire. $40,000 or more.

Calif., Oakland—SHOP—Atlas Heating & Ventilating Co., 557 4th St., San Francisco, plans 1 story frame and stucco, Louise and 32nd Sts., here. $40,000. Private plans.

Calif., San Francisco — SHOPS — California Electric Supply Co., 643 Mission St., having plans prepared by O'Brien Bros., Inc., 315 Montgomery St., 2 story, rein.-con., Folsom and 12th Sts. $55,000.

Calif., San Francisco—TALLOW WORKS—Royal Tallow Wks., 1260 Davidson Ave., plans rebuilding plant, destroyed by fire. $60,000.

Calif., Turlock—POWER PLANT—Turlock Irrigation Dist., having plans prepared 27,000 hp. power plant development, etc. $5,000,000. R. V. Meikle, ch. engr.

Calif., Vernon—GLASS FACTORY—ILLINOIS—Pacific Glass Wks., Folsom and 14th Sts., plans rein.-con. factory. To exceed $150,000.

Bids Desired

Mass., Fitchburg—POWER HOUSE—See "Buildings Commercial."

Mass., Malden (br. Boston) — MANUFACTURING — Willsen Mfg. Co. 153 Exchange St., taking bids 1 story, 50 x 75 ft., brick and steel, plain foundation, Bway. $40,000. C. F. Springall, 84 Sprague St., archt.

Mass., Franklin—MILL—Haywood Mills taking bids 2 story timber addition. $50,000. C. T. Main, 201 Devonshire St., Boston, archt.

Mass., Lynn — FACTORY — Thompson Electric Welding Co., 161 Pleasant St., taking bids 1 story, rein.-con. and brick, plain foundation, Pleasant St. $40,000. H. M. Haven & A. T. Hopkins, 11 Beacon St., Boston, archts.

Mass., South Boston (sta. Boston)—GARAGE—See "Contracts Awarded."

Mass., Somerville (Boston P. O.)—SHOP—See "Contracts Awarded."

N. J., Newark—POWER HOUSE—Sept. 27, by Dept. Parks & Pub. Safety, City Hall, rein.-con. brick and steel, plain foundation, in connection with City Hall extension. J. S. Pigott, 402 Broad St., archt. Noted Sept. 2.

Pa, Phila.—DAIRY—Stuckert & Co., archts., Crozer Bldg., soon lets contract 2 story and basement, 84 x 145 ft. dairy, 16th and Courtland Sts., for Scott-Powell Dairy Co., 40th and Parrish Sts.

Pa., Rochester — MANUFACTURING — Guarantee Liquid Measure Co. taking bids 1 story, 360 x 360 ft., brick, steel, concrete and timber factory. $150,000. Private plans.

Wis., Beloit — SHOE FACTORY — See "Contracts Awarded."

Wis., La Crosse—LAUNDRY—W. E. Bennet, archt., 421 West Ave., soon let contract 1 story and basement, 100 x 172 ft., brick and tile, plain foundation, 5th St., for Modern Steam Laundry Co., 312 State St. $50,000.

Wis., Madison—PUBLISHING HOUSE—P. M. Homer, archt., Pioneer Bldg., taking bids 2 story and asement, 66 x 70 ft., rein.-con., brick and steel, plain foundation, incl. steam heating, Butler St., for Capitol Times Co., 106 King St. $60,000. Noted Aug. 12.

Wis., Milwaukee — FACTORY — V. H. Esser, archt., 82 Wisconsin St., taking bids 3 story and basement, 62 x 75 ft., brick and concrete addition, plain foundation North Ave., for Blommer Ice Cream Co., 1502 North Ave. $60,000.

Wis., Milwaukee—TANNERY—See "Contracts Awarded."

Wis., Sheboygan—FACTORY—Sept. 18, by E. A. Juul, archt., Security Natl. Bank Bldg., 4 story, 109 x 200 ft., brick and timber, plain foundation, for Northern Furniture Co., New Jersey and South Water Sts.

Tex., Houston—CEMENT PLANT—See "Contracts Awarded."

Tex., Taylor—ICE PLANT—See "Contracts Awarded."

Bids Received

Tex., Panhandle—GASOLINE PLANTS—See "Contracts Awarded."

Contracts Awarded

N. H., Tilton—POWER HOUSE—Tilton School, 1 story, 50 x 65 ft., rein.-con. and brick, to C. S. Henry & Co., Inc., 82 Devonshire St., Boston, Mass. Archts. est. $40,000. Noted Sept. 2.

Mass., Cambridge (Boston P. O.) — FREIGHT HOUSE and WAREHOUSE—Boston & Maine R.R., F. C. Shepherd, asst. ch. engr., North Sta., Boston, 50 x 60 ft. freight house, and 5 story, 50 x 265 ft. warehouse, brick and concrete, east section, here, to Dwight P. Robinson & Co., 13 Wilmont Court, Boston. Engrs. est. $175,000. Noted Mar. 25.

Mass., Salem—REPAIR and SERVICE GARAGE—J. S. Sawyer, c/o W. H. Hunt, archt., 197 Washington St., 1 story, 100 x 100 ft., brick and steel, plain foundation, to E. H. Porter Co., 13 Wallis St., Peabody. Archts. est. $50,000. Noted Aug. 26.

Mass., Somerville (Boston P. O.)—SHOP—Boston Elevated R.R. Co., 31 St. James Ave., Boston, will build 1 story, rein.-con. and brick, George St., by day labor. $40,000. Private plans.

Mass., South Hadley — SERVICE and REPAIR—Town, Electric Light Dept., 1 story, rein.-con. and brick, plain foundation, to Lynch Bros. Brick Co., 206 High St., Holyoke. Archts. est. $40,000.

N. J., Bloomfield—FACTORY—Bakelite Corp., 230 Grove St., 2 story, rein.-con., brick and steel, plain foundation, Grove St., to J. Jewkes & Sons, 676 Montgomery St., Jersey City, Archts. est. $50,000.

N. J., Camden—DAIRY—Supplee Wills Jones Co., 1523 North 26th St., Phila., Pa., 2 story and basement, 74 x 82 ft., rein.-con. brick and steel, plain foundation, 8th and Market Sts., here, to G. Kessler Constr. Co., 1733 North Marvine St., Phila., Pa.

Pa., Altoona — TANK SHOP — Pennsylvania R.R. Co., Broad St. Sta., Phila., general contract 1 story, 120 x 600 ft. tank shop, here, to Industrial & Building Constr. Co., 403 Penn Ave., Pittsburgh. Engrs. est. $250,000. Noted Aug. 26.

Pa., Chester — REPAIR SHOP — Amer. Locomotive Co., Delaware and Jeffrey Sts., 1 story, 70 x 85 ft., brick and steel, plain foundation, Delaware and Jeffrey Sts., to F. K. Worley Co., Wesley Bldg., Phila.

Pa., Connellsville — ROUND HOUSE — Baltimore & Ohio R.R. Co., Baltimore, Md., 1 story, irregular shaped extension, to M. R. Hanke, 2812 Observatory Rd., Cincinnati, O. Archts. est. $40,000.

Pa., Phila. — MANUFACTURING — Belmont Packing & Rubber Co., 2 story and basement, 80 x 130 ft., rein.-con., brick and steel, plain foundation, Sepviva and Butler Sts., to G. Kessler Constr. Co., 1735 North Mervine St. Archts. est. $50,000.

Pa., York — MANUFACTURING — Read Mchy. Co., 1 story and basement, 80 x 192 ft., rein.-con., brick and steel, plain foundation, here, to Austin Co., Jefferson Bldg., Phila. Archts. est $50,000.

Pa., Sharon—FACTORIES—Westinghouse Electric & Mfg. Co., Lang St. and Pennsyl-

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Buildings—Industrial (Continued)

vania R.R. tracks, Pittsburgh, 1 story, 40 x 101 ft., brick and steel, and 5 story, 70 x 221 ft., brick and rein.-con. factories, here, to Van Blarcom Co., Natl. City Bldg., Cleveland, O.

O., Columbus—GARAGE and SERVICE STATION — International Harvester Co., Chestnut and Water Sts., L. H. Lightcap, mgr., 4 story and basement, 150 x 170 ft., rein.-con. and brick, Chestnut St., to R. H. Evans & Co., Atlas Bldg., about $150,000.

Ind., Indianapolis — FACTORY — Inland Box Co., Morris and Dakota Sts., general contract 1 story, 200 x 240 ft. factory, to W. P. Jungclaus Co., 825 Massachusetts Ave., $61,500.

Ind., Noblesville—PLANT—E. E. Neal, general contract brick and steel plant, to N. A. Earl & Co., Noblesville; steel, to Hetherington & Berner, 701 Kentucky Ave., Indianapolis. Archts. est. $40,000.

Mich., Detroit — SCREW FACTORY — Automatic Products Co., 1145 West Grand Blvd., 1 story, 60 x 150 ft., and 58 x 65 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Bangor St., to C. L. Barton Co., Bangor and Grand Trunk Ry. tracks.

Mich., Detroit—REFRIGERATING FACTORY—Electric Refrigeration Corp., 2448 Buhl Bldg., general contract factory and office buildings, garage and power house, to W. E. Wood Co., 1805 Ford Bldg. This corrects report in Sept. 2.

Ill., Chicago—FACTORY—Schmidt, Garden & Erickson, archts., 104 South Michigan Ave., 1 story, brick and stone addition, to Schmidt Bros. Constr. Co., 22 East Huron St., for Chicago Solder Co., 4201 Wrightwood Ave. $50,000.

Ill., Chicago—DAIRY—H. H. Hahn, 9 South Clinton Ave., masonry and carpentry contract 2 story, 96 x 96 ft., brick, 1334-42 South Peoria Ave., to E. N. Sproul Co., 2001 West Pershing Rd., for Rosen Dairy Co., 1353 Sangamon St. $150,000.

Ill., Evanston—PLANT—See "Proposed Work."

Wis., Beloit — SHOE FACTORY — Freeman Shoe Mfg. Co., 300 St. Paul Ave., will build 1 story, 82 x 125 ft., brick and timber addition, plain foundation, by day labor. $40,000. Private plans.

Wis., Beloit—DISTRIBUTING PLANT—Standard Oil Co., 414 Sycamore St., Milwaukee, 3 story and basement, 90 x 275 ft., brick and concrete, plain foundation, here, to W. Fitzgerald, Hook Bros. Bldg. Archts. est. $75,000.

Wis., Fond du Lac—MILK PLANT—Galloway-West Co., Tomkins St., 2 story and basement, 56 x 98 ft., brick and concrete, Tomkins St., to Tollmadge Constr. Co., 214 Mason St., Milwaukee. Archts. est. $45,000. Noted Aug. 19.

Wis., Green Bay — FACTORY — Northwest Eng. Wks., Howard St., 1 story, 104 x 122 ft. machine room, 50 x 184 ft. receiving room, 44 x 160 ft., erection shop, and 20 x 192 ft. stock room, all brick and steel, plain foundation, here, to L. Hansen & Sons, 527 South Ashland St. Noted Aug. 26.

Wis., Kohler — POTTERY PLANT — Kohler Co., masonry, carpentry, plastering, etc. for 3 story, 134 x 600 ft. and 1 story, 328 x 340 ft., rein.-con. and brick, plain foundations, to Stark & Co., 130 Muskego Ave., Milwaukee; and structural steel, to Worden-Allen Co., Port Washington Rd., Milwaukee. Noted Aug. 12.

Wis., Milwaukee — TANNERY — A. F. Gallun & Sons Co., 1000 North Water St., will build 1 story, 90 x 120 ft., brick and concrete addition, plain foundation, by day labor. $40,000. Private plans.

Wis., Racine — LAUNDRY — Williams Damp Wash Laundry, 411 Main St., 2 story, 62 x 98 ft., brick and timber, plain foundation, 13th St. to J. Monefeld, 3408 Osborne Blvd. Archts. est. $40,000.

Wis., Racine — FOUNDRY — Standard Fdry. Co., 1600 Kewaunee St., 1 story, 112 x 220 ft., brick and steel, plain foundation, here, to Nelson & Co., 408 Janes Blk. Archts. est. $100,000. Noted July 4.

Ia., Davenport—PLANT—Dewey Portland Cement Co., 301 Mutual Bldg., Kansas City, Mo., general contract and foundation series buildings, 1,500 ft. long, 100 ft. wide, concrete, steel, gunite, cinder block and brick, to Priester Constr. Co., Kahl Bldg. Noted Mar. 4.

Tex., Houston — CEMENT PLANT — Trinity Portland Cement Co., c/o C. E. Ulrickson, genl. mgr., Santa Fe Bldg., Dallas, will build cement plant, incl. 100 x 625 ft. storage and grinding room, 100 ft. high, 70 x 100 ft. steel and concrete packing house, 100 ft. high, two 50 x 55 ft. rein.-con. office and laboratory buildings,

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600 lin. ft. landing pier, 1¼ mi. railroad track, etc., New York and Upper Ship Channel, here, by day labor. $2,000,000. O. B. Bartholomew, Santa Fe Bldg., Dallas, ch. engr.

Tex., Panhandle—GASOLINE PLANTS—Skelly Oil Co., Tulsa, Okla., will build eight 50 x 300 ft. natural gasoline plants, steel and corrugated iron, incl. thirty-three 10 x 40 ft. electric welded storage tanks, electric power plant and 30 mi. 6, 10, and 12 in. lines, by day labor. $400,000, buildings only. Private plans.

Tex., Taylor—ICE PLANT—Lone Star Ice Co., West 2nd and Colorado Sts., Austin, will build ice plant, brick and rein.-con., by day labor. $45,000. Private plans.

Wash., Seattle — FACTORY — Western Dairy Products Co., 4th and Atlantic Sts., 3 story, 114 x 150 ft., rein.-con. and steel addition, 4th and Atlantic Sts., to Teufel & Carlson, 1320 5th Ave., $250,000.

Calif., Los Angeles—FACTORY—Pacific Housewares Co., c/o Ashley & Evers, archts., 525 Market St., San Francisco, 3 story and basement, Class A construction, Factory Pl., to Scofield Eng. & Constr. Co., 1102 South Bway., $150,000.

Buildings—Educational, Religious

Proposed Work

N. H., Manchester — SCHOOL — St. Anthony's Parish, c/o W. E. Provest, archt., 1601 Elm St., takes bids about Sept. 19, 2 story and basement, 100 x 160 ft., brick and stone, plain foundation, Belmont St. $150,000. Noted July 1.

Mass., Boston—SCHOOL—City, Schoolhouse Dept., having revised plans prepared by Walker, Walker & Kingsbury, 120 Boylston St., Boston, 1 story and basement, irregular shaped brick and limestone addition, Staniford St., West End Dist. $200,000.

Mass., Everett (br. Boston) — SCHOOL and CONVENT — St. Josephs French Roman Catholic Church, H. J. Gillon, pastor, Buckman St., having sketches made by M. Sullivan, 100 Boylston St., Boston, 2 story and basement, brick and stone, plain foundation, Buckman St. $150,000.

Mass., Taunton—SCHOOL—City School Com. having sketches made by McLaughlin & Burr, 88 Tremont St., Boston, altering and constructing 2 story and basement, brick addition, Cohannett and High Sts. $150,000.

Mass., Worcester — DORMITORY — Worcester Polytechnic Institute, R. Earle, pres., having plans prepared by Appleton & Stearns, 53 State St., Boston, brick and steel dormitory, West St. $250,000.

R. I., Olneyville—CHURCH—Tabernacle Methodist Episcopal Church, c/o G. Henshaw, archt., 87 Weybosset St., Providence, having preliminary plans prepared 1 and 2 story and basement, 50x100 ft., brick and stone, Plainfield St. $150,000.

Conn., New Haven—FRATERNITY—Psi Upsilon & Beta Theta Pi, Yale University, soon takes bids 2 brick and stone buildings, York St. To exceed $150,000. James Gamble Rogers, 367 Lexington Ave., New York City, archts. Noted Apr. 8.

N. Y., Brooklyn — SYNAGOGUE and SCHOOL—Congregation Beth Israel, Inc., 6213 18th St., soon takes bids 3 story, brick, steel and stone, plain foundation, 63rd St. $200,000. Gronenberg & Leuchtag, 1385 Bway., New York City, archts.

N. Y., Buffalo — COMMUNITY — Young Mens Hebrew Assn., Ellicott Sq. Bldg., S. J. Harris, plans Jewish community building. $500,000.

N. Y., New York—CHURCH—Little Mount Zion Baptist Church, c/o M. Courland, archt., 366 5th Ave., soon takes bids brick, steel and stone, plain foundation, West 14th St. $175,000. Noted July 1.

N. J., New Brunswick—CHURCH and CHAPEL—Second Reformed Church, W. H. S. Demarest, pastor, soon takes bids brick, steel and stone, plain foundation, College Ave. $150,000. Ludlow & Peabody, 101 Park Ave., New York City, archts.

Pa., Phila. — MUSEUM — Stewardson & Page, archts., South 15th St. and Day & Klauder, archts., Franklin Bldg., rejected bids Aug. 20, and revising plans 1 story, mezzanine and basement, 70 x 204 ft., rein.-con., brick and steel addition, plain foundation, 34th and Spruce Sts., for University of Pennsylvania, 34th and Spruce Sts. Noted Aug. 19.

Tenn., Chattanooga — SCHOOLS—Voted $420,000 bonds, schools and additions. Noted Aug. 5.

O., Portsmouth—SCHOOL—Bd. Educ. having plans prepared by DeVoss & Donaldson, Portsmouth, 3 story and basement, 18 room school, incl. gymnasium and auditorium, 11th St. $200,000.

Ind., Indianapolis—SCHOOL—Bd. School Comrs., 150 North Meridian St., had plans prepared by Daggett & Hibben, 922 Continental Bank Bldg. and soon takes bids rein.-con., brick and steel school, incl. 24 class rooms, auditorium and gymnasium, 25th St. and Keystone Ave. C. R. Ammerman, 925 Continental Bank Bldg., engr.

Ill., Elmhurst — COLLEGE — Elmhurst College, H. R. Niebuhr, pres., having preliminary plans prepared by B. F. Olsen, 19 South La Salle St., group concrete brick and stone college buildings. $1,500,000.

Ill., Springfield—CATHEDRAL—Diocese of Springfield of Catholic Church, c/o Chancery Office, 715 East Monroe St., having preliminary plans prepared by J. McCarthy, 139 North Clark St., Chicago, rein.-con., brick, steel and stone, 5th St. between Lawrence and Edwards Sts., for Church of Immaculate Conception. $1,000,000.

Ill., Springfield — HIGH SCHOOL — Diocese of Springfield of Catholic Church, Chancery Office, 715 East Monroe St., having preliminary plans prepared by J. McCarthy, 139 North Clark St., Chicago, 2 story and basement, rein.-con., brick and stone, 6th St. between Lawrence and Edward Sts. $175,000.

Ill., Urbana—LIBRARY—University of Illinois, rejected bids 4 story and basement, 50 x 150 ft. and 27 x 30 ft., rein.-con., brick and stone, on campus. Will readvertise. J. M. White, 256 Administration Bldg., archt. Noted Aug. 12.

Wis., Milwaukee—ACADEMY and CONVENT—Barry, Byrne Co., archts., 104 South Michigan Blvd., Chicago, Ill., soon lets contract 3 and 4 story, 169 x 169 ft., brick and concrete, plain foundation, 12th and Cedar Sts., for Holy Angels Academy, 243 Cedar St. $400,000. Noted Sept. 2.

Wis., Racine—SCHOOL—Bd. Educ., A. H. Schaefer, secy., having plans prepared by Croft & Boerner, 1004 Marquette Ave., Minneapolis, Minn., 3 story and basement, rein.-con. and brick, incl. auditorium. $550,000.

Ia., Ames — CHURCH, etc. — Christian Church Congregation, I. J. Scott, chn., having preliminary plans prepared by A. A. Honeywell, 413 Penway Bldg., Indianapolis, Ind., 2 story, 56 x 94 x 140 ft., concrete, brick and stone church and Sunday school. $150,000. Noted Sept. 2.

Minn., Northfield — WOMEN'S DORMITORY — Carleton College, having plans prepared by Holmes & Flinn, 7 South Dearborn St., Chicago, Ill., Margaret J. Evans Hall, 4 story and basement, rein.-con. and Bedford stone, plain foundation. $200,000.

Minn., Virginia — HIGH SCHOOL — Bd. Educ. takes bids about Jan. 2, 3 story and basement, 185 x 300 ft., pressed brick, steel and marble, concrete pile foundation, incl. steam heating and mechanical ventilation. $750,000. E. H. Berg, Eleveth, archt. and engr., F. G. German, Exch. Bldg., Duluth, associated archt. Noted Aug. 19.

Mo., Joplin—HIGH SCHOOL—Bd. Educ. soon takes bids 3 story, brick, concrete and stone high school. $175,000. Smith & Van Pelt, 819 Frisco Bldg., Joplin, and J. H. Felt & Co., 300 West 47th St., Kansas City, archts.

Mo., Parkville—DORMITORY and DINING HALL—Park College, c/o F. W. Hawley, pres., soon takes bids 4 story and basement, 42 x 142 ft., brick, concrete and stone dormitory, Hardy & Schumacher, 216 Scarritt Bldg., Kansas City, archts.; also 1 story and basement, concrete and stone dining hall, Keene & Simpson, 1005 Land Bank Bldg., Kansas City, archts. $175,000.

Ark., Little Rock—CHURCH—Immanuel Baptist Congregation, J. H. Estes, chn. building com., 719 Battery St., soon takes bids 3 story and basement, 150 x 178 ft., concrete, brick, stone, steel and terra cotta, 10th and Bishop Sts. $250,000. Mann & Stern, 708 A.O.U.W. Bldg., archts. Noted May 6.

Tex., Amarillo — HIGH SCHOOL — Bd. Educ., c/o W. N. Burnham, pres., having plans prepared by E. F. Rittenberry, Blackburn Bldg., 3 story, 120 x 208 ft., brick and rein.-con., incl. steam heating, etc., $225,000. Noted July 29.

Tex., San Antonio—COLLEGE ADMINISTRATION—Westmoreland College having preliminary sketches made 3 story and basement, brick, stone and concrete, West End. $225,000. Address S. Stanford, pres

Calif., Claremont—SCHOOL—Claremont Community Church had plans prepared by Allison & Allison, Hibernian Bldg., Los Angeles, approximately 125 x 175 ft., rein.-con. school. $150,000.

Buildings—Educational, Religious (Cont.)

Calif., Long Beach—INSTITUTE—Medical Research Institute having preliminary plans prepared by H. D. Frankfurt Co., 1096 North Western Ave., Los Angeles, 2 research laboratories, college, hospital, and administration buildings, two 10 story apartments, 2 dormitories, 2 gymnasiums, swimming pool, 2 large garages, power plant laundry, 2 warehouses, and 54 dwellings, connecting tunnels between all buildings, near here. $25,000,000.

Calif., Los Angeles—SCHOOL—Wilshire Blvd. Congregational Church, Wilshire Blvd. and Plymouth St., had plans prepared by Allison & Allison, Hibernian Bldg., 2 story and basement, rein.-con. addition. $150,000.

Calif., Pasadena — CHURCH — Trinity Lutheran Church soon takes bids 1 story, 100 x 165 ft., rein.-con., Walnut and Catalina Sts. $150,000 or more.

Calif., San Bernardino—COLLEGE—San Bernandino Junior College Dist. plans election $450,000 or more bonds, Junior College, fireproof construction.

Calif., Santa Barbara—HOME ECONOMICS and SCIENCE—State plans home economics and science building, in connection with State Teachers College, here. $225,000. G. B. McDougall, Forum Bldg., Sacramento, state archt.

Man., Winnepeg—CHURCH—First Presbyterian Church having plans prepared by Pratt & Ross, Winnipeg, and soon takes bids brick church, plain foundation, St. James Pl. $200,000.

Tex., Pampa—HOTEL—Schneider Hotel Co., having plans prepared by M. C. Parker & Co., c/o R. Bynum Bldg., Amarillo, 6 story, 80 room, brick, stone and rein.-con., incl. elevator. $150,000.

Bids Desired

Mass., East Walpole—CHURCH—Church of the Blessed Sacrament, A. Fahey, pastor, taking bids 1 story and basement, brick, stone and granite, plain foundation. $150,000. M. Sullivan, 100 Boylston St., Boston, archt.

Mass., Hingham — HIGH SCHOOL — Town-School Bldg., c/o Derby & Robinson, archts., 5 Joy St., Boston, taking bids 2 story and basement, brick and stone, plain foundation, Central St. $375,000. Noted July 8.

Mass., Newton (Ind. br. Boston) — LIBRARY — Boston College, taking bids 3 story and basement, brick and stone addition, plain foundation, University Heights. $150,000. Maginnis & Walsh, 100 Boylston St., Boston, archts.

Mass., Peabody—SCHOOL—Sept. 17, by City, School Bd., 2 story and basement, brick and steel, plain foundation, Central St. $125,000-$150,000. J. H. Bickford Co., 6 Beacon St., Boston, archts. Noted Aug. 5.

Mass., Waltham (Ind. br. Boston) — CHURCH — Lakeview Union Evangelical Church, c/o O. A. Thayer, archt., 87 Franklin St., Boston, taking bids 1 story and basement, with ell, granite and stone, plain foundation, Lakeview St. $150,000.

R. I., Woonsocket — HIGH SCHOOL — City, School Dept., City Hall, taking bids Junior High School, 3 story and basement, rein.-con., brick and stone, plain foundation. To exceed $150,000. W. F. Fountaine, 285 Main St., archt.

R. I., Woonsocket — HIGH SCHOOL — Sept. 22, by City, School Bd., 3 story and basement, brick, steel, concrete and stone, plain foundation. $900,000. W. F. Fontaine, 285 Main St., archt. Noted Aug. 12.

Conn., Hartford—SCHOOL—St. Michaels Roman Catholic Church, 27 Clark St., taking bids 2 story and basement, 70 x 155 ft., brick and stone, Clark St. $150,000. W. Schmidt, 144 Golden Hill, Bridgeport, archt.

N. J., Dover—SCHOOL—Sept. 15, by Bd. Educ. Special School Dist., Dover High School Bldg., for Academy St. school. Coffin & Coffin, 522 5th Ave., New York City, archts.

N. C., Raleigh—SCHOOLS—Sept. 21, by H. F. Srygley, city supt., 203 Professional Bldg., 12 room and auditorium addition to Murphey School, 16 room and auditorium to Hayes Barton School, 8 room and auditorium to Boylan Heights School and 12 room and auditorium to West Raleigh School, all brick, for City. Noted July 29.

O., Columbus — CONSERVATORY and DORMITORY — O. Meese, pres., Capitol University, 2439 East Main St., taking bids conservatory $200,000, and dormitory, $175,000, each 3 story and basement, brick, steel and concrete, East Main St. Perkins, Fellows & Hamilton, 814 Tower Court, Chicago, Ill., archts. Noted July 1.

Mich. Detroit—SCHOOL—Sept. 21, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Broadway Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Hawthorne Ave. $579,000. Smith, Hinchman & Grylls, 8000 Marquette Bldg., archts.

Mich., Detroit—SCHOOL—Sept. 22, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Broadway Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Collingwood Ave. $400,000. Verner, Wilhelm & Molby, 751 Book Bldg., archts.

Ill., Evanston—SCHOOL—Sept. 20, by Bd. Educ., 3 story and basement, 160 x 192 ft., brick and stone, Lincoln and Prairie Sts. $400,000. Childs & Smith, 720 North Michigan Ave., Chicago, archts.

Wis., Oshkosh — SCHOOL — State Bd. Normal Regents, W. J. Kettle, secy., State Capitol, Madison, taking bids 3 story and basement, 66 x 200 ft., rein.-con., brick and steel, plain foundation, here. $225,000. A. Peabody, Capitol Bldg., Madison, archt. Noted June 17.

Wis., Wausau—CHURCH and SUNDAY SCHOOL—Sept. 25, by Childs & Smith, archts., 720 North Michigan Ave., Chicago, Ill., 1 story, 60 x 120 ft., church and 2 story, 79 x 110 ft. Sunday school, cut and rubble stone, 4th and Grant Sts., for First Presbyterian Church. $225,000. Noted July 1.

Wis., West Allis — VOCATIONAL SCHOOL — Sept. 27, by Bd. Industrial Educ., S. Moore, pres., (1st unit), 3 story and basement, 68 x 103 ft., rein.-con. and brick, plain foundation, Colburn Ave. $100,000. R. A. Messmer & Bro., 221 Grand Ave., Milwaukee, archts. Noted Aug. 12.

Ia., Clinton — CHURCH — Coolidge & Hogdon, archts., 134 South La Salle St., Chicago, Ill., taking new bids 2 story and basement, rein.-con. and stone, plain foundation, 4th Ave. and 5th St., here, for 1st Presbyterian Congregation. J. H. Duer, pastor. Former bids rejected. Noted June 10.

Bids Received

Mass., Webster — HIGH SCHOOL and OFFICE—Town, J. J. Love, chn. com., Junior High School and Office, 3 story and basement, brick and stone, plain foundation, Negus and Church Sts., from Keefe Bros. Co., 98 Front St., Worcester, $536,-968; heating and ventilating system, from J. G. Lamotte & Son, 727 Waldo St., Worcester, $51,700. Noted July 29.

Pa., Phila.—HIGH SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th St., 5 story and basement, 122 x 177 ft., rein.-con. and brick, 16th St. between Wharton and Latona Sts., general contract, from Nelson-Pedley Co., Corn Exch. Bldg., $961,-245; electrical work, from Walker & Kepler, 531 Chestnut St., $67,942; heating, from S. Faith & Co., 2427 Penn Ave., $98,634; and plumbing, from F. Wackenhut, 2416 Frankford Ave., $44,635. Noted Sept. 2.

Md., Baltimore — HIGH SCHOOL — Bd. Awards, 3 story and basement, irregular shaped, rein.-con., brick and steel, terra cotta, plain foundation, incl. incinerator, freight elevator, heating and ventilating system, Gynns Falls Parkway and Pulski St., from P. C. Streett Eng. Co., 404 St. Paul St., $1,240,000. Noted Sept. 2.

O., Kent — LIBRARY — Kent Norman College, 2 story and basement, 100 x 125 ft., concrete, stone and marble library, from V. W. Surber 109 North Union St. $281,-000. Noted Aug. 19.

Contracts Awarded

Me., Winslow—LIBRARY—Town, G. A. Chamberlain, chn. com., 2 story and basement, brick, stone and granite, plain foundation, to H. Purington, 95 Temple St., Waterville. Archts. est. $150,000.

Mass., Andover—LIBRARY—Town, Bd. Selectmen, reconstructing 2 story and basement, brick and stone, to L. Cyr, Saunders Bldg., Lawrence. Archts. est. $150,000.

Mass., Belmont (br. Boston)—CHURCH—Methodist Episcopal Church, D. J. Inler, pastor, stone and granite addition, to Fuller Constr. Co., 31 Milk St., Boston. Archts. est. $150,000.

Mass., Boston — SCHOOL — Museum of Fine Arts, Huntington Ave., 3 story and basement, 70 x 100 ft., brick and stone, plain foundation, Evans Way, Back Bay Dist., to L. P. Soule & Son, 80 Boylston St. Archts. est. to exceed $150,000. Noted Sept. 2.

Mass., Dorchester (Boston P. O.) — SCHOOL—St. Matthews Roman Catholic Church, A. Hurley, pastor, 2 story and basement, brick and stone, plain foundation, Norfolk and Darling Sts., to W. F. Pitts, 5 Crafts Pl., Jamaica Plain. Archts. est. $150,000.

Mass., Framingham — CHURCH—Grace Congregational Church, 1 story and basement, brick, stone and granite, plain foundation, Union Ave., to J. J. Prindiville Co., Prindiville, Bldg. Archts. est. $250,000.

Mass., Reading—HIGH SCHOOL—Town, 3 story and basement, 75 x 250 ft., brick and stone, addition to Junior High School, plain foundation, Middlesex Ave., to P. G. DeArmond, Westboro, $280,990. Noted Sept. 9.

Mass., Wakefield—CHAPEL—Mission of St. Josephs Roman Catholic Parish, F. J. Halloran, pastor, 1 story and basement, brick and stone, plain foundation, to C. Logue Building Co., 18 Tremont St., Boston. Archts. est. $150,000.

N. Y., Buffalo — SCHOOL — Bd. Educ., altering and constructing addition to P. S. 62, Urban St., to F. T. Jenzen Co., 69 Leroy St. $150,000. Noted Aug. 20.

N. Y., Newburgh—HIGH SCHOOL—Bd. Educ., brick, steel and stone plain foundation, to Zube Constr. Co., 1133 Bway., New York City. Archts. est. $700,000.

N. J., Trenton — SCHOOL — Hamilton Twp. Bd. Educ., general contract 2 story school, Lalor Tract, to A. Tucci, 449 Hamilton Ave., $127,900. Noted May 20.

Pa., Columbia — CONVENT — P. A. Monaghan, archt., 1713 Sansom St., Phila., 3 story and basement, 48 x 120 ft. and 48 x 200 ft., rein.-con., stone and steel, plain foundation, here, to W. DeGrott, Harrisburg, for Sisters St. Joseph Convent. Archts. est. $300,000. Noted Mar. 4.

Pa., Karns City—SCHOOL—Bd. Educ., general contract, 2 story and basement, 125 x 125 ft., brick, steel and hollow tile school, here, to G. Schenk & Sons, Butler. Archts. est. $150,000.

Pa., Pittsburgh—HOME—German Evangelical Presbyterian Church, general contract 3 story and basement, irregular shaped home for aged, brick and hollow tile, West Liberty Ave., to Good Constr. Co., 2901 East St. Archts. est. $150,000.

O., Akron—SCHOOL—Bd. Educ., H. V. Hotchkiss Grade School, 3 story and basement, 84 x 157 ft., brick and terra cotta, Norton St., to Clemmer & Johnston 470 East Market St. $133,293. Noted Aug. 5.

O., Cleveland—SCHOOL and DORMITORY—Hathaway Brown School, J. D. Williamson, chn. trustees, 11205 Bellflower Ave., 2 story, each, rein.-con. brick, steel and limestone, Wolverton Rd., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg. Archts. est. $800,000. Noted Aug. 19.

Ill., Chicago—CHURCH—C. D. Foulkner, archt., 307 North Michigan Ave., masonry contract, 1 story 55 ft. high, 100 x 100 ft., granite, brick and tile, Coles Ave. and East 73rd St., to A. C. Larsen, 7339 Coles Ave., for Eighteenth Church of Christ Scientists, c/o architects. Archts. est. $200,000.

Wis., Fort Atkinson—HIGH SCHOOL—Bd. Educ., J. F. Schreiner, clk., general contract Junior High School, 2 story and basement, brick and tile, here, to O. Hackbarth, Fort Atkinson, $94,965. Archts. est. $150,-000. Noted Aug. 19.

Minn., Minneapolis—ART INSTITUTE—Minneapolis Institute of Arts, F. M. Crosby, chn. building com., general contract 3 story and basement, 90 x 100 ft., rein.-con. and brick addition, 201 East 24th St., to J. Leck Co., 211 South 11th St., approximately $200,000.

Minn., St. Paul—DORMITORY—Macalestor College, J. C. Acheson, pres., Grand and Snelling Aves., general contract part 2 and 3 story and basement, 128 x 250 ft., rein.-con., brick and stone, Snelling and Lincoln Aves., to Paul Steenberg Constr. Co., 914 Builders Exch., approximately $140,000. Noted Mar. 25.

Que., Montreal — SCHOOL — Catholic School Comrs., 44 Wickstead St., 3 story, rein.-con. and brick, Cartierville St., to O. Filion & Bros., 7227 St. Denis St., $140,000.

B. C., Vancouver—SCHOOLS—Bd. School Trustees, Hamilton St., Franklin School, to Adkison & Dill, 319 Pender St. W., $105,000, and Junior High School, to Pacific Engrs. Ltd., 744 Hastings St. W., $119,000, both 3 story, 11 room, rein.-con., plain foundations.

Federal Government Work

Proposed Work

Minn., Alexandria — Hospital — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., plans 1 and 2 story, brick buildings for U. S. Veterans Hospital, here.

Bids Desired

Mass., Boston—Stand Pipe—Sept. 30, by Treas. Dept., at Custom House, independent stand pipe and sprinkler system, at U. S. Custom house, here.

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Federal Government Work (Continued)

N. Y., Port Chester—Dredging, etc.—Oct. 16, by U. S. Engineer Office, Army Bldg., 39 Whitehall St., New York City, dredging and rock removal in harbor, here; adv. E. N.-R. Sept. 16.

Md., Baltimore—Dredging—Oct. 18, by U. S. Engineer Office, dredging in Baltimore Harbor and channels; adv. E. N.-R. Sept. 16.

D. C., Wash.—Dwelling—Oct. 9, by U. S. Engineer's Office, 1068 Navy Dept. Bldg., constructing 6 dwellings for District of Columbia water supply project; adv. E. N.-R. Sept. 16.

N. C., Durham—Remodeling—Sept. 21, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

O., Dayton—Assembly Shop—Oct. 7, by Constructing Quartermaster, Wright Field, assembly shop building and at Wright Field, here; adv. E. N.-R. Sept. 16.

Ill., Freeport—Remodeling—Sept. 21, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office here.

Ill., Freeport—Remodeling—Sept. 24, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here. J. A. Witmore, acting superv. archt.

Ill., Great Lakes (mail Waukegon)—Improvements—Spec. 5269—Sept. 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving prison at Naval Training Station, here.

Ill., Kewanee—Remodeling—Sept. 21, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Ill., Kewanee—Remodeling—Sept. 28, by Treas. Dept., at Office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Wis., Milwaukee—Remodeling—Sept. 27, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling tower of U. S. Post Office, Court House and Custom House, here.

Colo., Denver—Hoists, etc.—Oct. 12, by Bureau Reclamation, 1 gate hoist for 50 x 50 ft. regulating gate and 1 gate hoist for 20 x 26 ft. penstock gate at Guernsey Dam, North Platte Project, Nebraska-Wyoming; three 30 x 30 ft. spillway gates and hoists for Stony Gorge Dam, Orland Project, Calif.; and one 10 x 11 ft. sluice gate and hoist for Siphon Drop Power Plant, Yuma Project, Arizona-California; adv. E. N.-R. Sept. 16.

Wash., Spokane—Remodeling—Sept. 29, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, Court and Custom House, here.

Bids Received

Va., Newport News—Remodeling—Treas. Dept., at office Supervising Archt., Wash, D. C., Sept. 7, remodeling U. S. Post Office and Custom House, here, from G. Griffith Constr. Co., 705 Olive St., St. Louis, Mo., $18,987. Noted Aug. 26.

Va., Quantico—Dredging—Spec. 5273—Bureau Yards & Docks, Navy Dept., Wash., D. C., Sept. 8, from McLean Constr. Co., Fidelity Bldg., Baltimore, Md., dredging (scow measurement) in Areas A and C $1.21 per cu. yd., and in Area B $2.45 per cu. yd. Noted Sept. 2.

S. D., Aberdeen — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C. Sept. 8, remodeling U. S. Post Office, here, from Pearson-Regnall Co., 5816 Bway., Chicago, Ill., $17,300. Noted Aug. 26.

Mo., St. Louis — Dike — U. S. Engineer Office, 428 Customhouse, 1 000 lin.ft. concrete dike in Mississippi River at Sulphur Springs and Lucas, from Frazier Davis Constr. Co., Arcade Bldg., $84,725. Noted Aug. 26.

Wash., Puget Sound—Surfacing—Spec. 5346—Bureau Yards & Docks, Navy Dept., Wash., D. C., bituminous wearing surface on Pier 6, here, from F. A. Keasal, 1004 North Cushman St., Tacoma, $13,965. Noted Aug. 19.

Ore., Eugene—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., Sept. 2, remodeling U. S. Post Office, here, from A. Lombard, Eugene, $14,725. Noted Aug. 26.

Calif., La Jolla—Towers—Spec. 5262—Bureau Yards & Docks, Navy Dept., Wash., D. C., Sept. 8, steel beacon towers, north of here, from Lipscomb & Dutton, West Santa Fe Wharf, San Diego, $5,032. Noted Aug. 26.

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Contracts Awarded

Va., Fort Monroe—Heating Plant—Treas. Dept. at office Supervising Archt., Wash., D. C., hot water heating plant at Quarantine Station on Craney Island, here, to B. L. Williams, 271 Rush St., Norfolk, $5,890. Noted Aug. 26.

Va., Petersburg — Remodeling — Treas. Dept. at office of Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to B. and L. Constr. Co., Petersburg, $15,995. Noted Sept. 2.

Ga., Fort Benning—Barracks—Constructing Quartermaster office, water and fire protection system, for Cuartel Barracks, here, to Loftis Plumbing & Heating Co., 440 Mtta. St., Atlanta, $4,900. This corrects report in Sept. 2 issue.

O., Dayton—Foundations—Constructing Quartermaster, Wright Field, foundations for assembly building at Wright Field, here, to Green & Sawyer, Lima, $26,000. Noted Aug. 26.

Ill., Chicago—Dredging—U. S. Engineer Office, 537 South Dearborn St., dredging in Chicago River and Harbor, to Fitzsimons & Cornell Dredge & Dock Co., 10 South La Salle St., $43,975. Noted July 22.

Ill., Great Lakes (mail Waukegon)—Apartment—Spec. 5265—Bureau Yards & Docks, Navy Dept., Wash., D. C., apartment house for officers at Naval Training Station, here, to F. R. Comb Co., 2113 Chicago Ave., Minneapolis, Minn., $65,250. Noted Sept. 2.

Missouri—Earthwork—Mississippi River Comn., 1311 International Life Bldg., St. Louis, 240,000 cu.yd. earthwork in Des Moines-Mississippi Levee Dist. 1, to McWilliams Dredging Co., McCormick Bldg., Chicago, Ill. $54,000. Noted Sept. 9.

Mo., Lexington—Dikes—U. S. Engineer Office, St. Louis clump dikes in Missouri River, near here, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $71,170. Noted Aug. 5.

Mo., St. Louis—Cabin, etc.—Mississippi River Comn., International Life Bldg., transferring cabin and erecting condensing machinery in new hull "Steamer Mississippi" to Ayer & Lord Tie Co., Paducah, Ky., $109,500. Noted Aug. 26.

Mo., St. Louis—Dikes—U. S. Engineer Office, 428 Custom House, approximately 3,500 lin.ft. hurdle dikes near Liberty, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $1o6,970; and 5,500 lin.ft. piling dikes near Wilkinson, Ill., both in Mississippi River, to List and Weatherly, 416 Exchange Bldg., Kansas City, $256,000. Noted Aug. 12.

Calif., San Diego—Walks—Spec. 5254—Bureau Yards & Docks, Navy Dept., Wash., D. C., roads and walks at Naval Operating Base Hospital, here, to Lipscomb & Dutton, West Santa Fe Wharf, $11,635. Noted Sept. 9.

Calif., San Luis Obispo—Stone—U. S. Engineer's Office, Central Bldg., Los Angeles, repairing breakwater, here, to Merritt Chapman & Scott Corp., 17 Battery Pl., New York City, $15,700. Noted Aug. 12.

Calif., San Pedro—Dredging—U. S. Engineer's Office, 725 Central Bldg., Los Angeles, dredging in present main channel, here, to United Dredging Co., Central Bldg., Los Angeles.

Unclassified

Proposed Work

Swimming Pool — Winchester, Mass. — Town, Park Dept., plans concrete swimming pool, Leonard St. playground. $25,000. Engineer not selected.

Swimming Pool — Johnstown, Pa. — See "Buildings—Commercial."

Lighting System—Chattanooga, Tenn.—Hamilton Co. and property owners plan "White Way" lighting system along scenic route from Lookout Mt. to Signal Mt. To exceed $25,000. W. Cummings, Chattanooga, co. judge.

Greenhouse—Vermilion, O.—Lake Shore Greenhouse Co., H. W. Eppints, mgr., 952 Union Trust Bldg., Cleveland, having plans prepared by R. D. Castle, 1526 Larchmont Ave., Lakewood, 1 story steel and glass, on 5 acre site, here. $175,000.

Park Development — Excelsior Springs, Mo. — Election Sept. 21, $28,000 bonds, completing Siloam Springs Park. G. Kessler, city engr.

Overhead Crossing—Kansas City, Mo.—Kansas City Ry. Co., 1500 Grand Ave., sketches rein.-con. and steel viaduct over Ward Parkway. $60,000. Harrington, Howard & Ash, 1012 Baltimore St., engrs.

Swimming Pool — Scott Bluffs, Neb.—Election Sept. 21, $35,000 bonds, swimming pool.

Power Plant Improvements — Miranda City, Tex — Texas Central Power Co., c/o Frost Bldg., San Antonio, purchased plant and plans improvements, incl. new machinery, doubling capacity of plant, etc. $35,000. Private plans.

Gas System—Temple, Tex.—Temple Gas Co. plans natural gas system. $30,000. Private plans.

Gas Pipe Line — Oklahoma — Morgan Utility Co., Poteau, plans 66,000 ft. 8 in. steel pipe line from Heavener to Poteau gas fields and gas distribution system in Heavener. $45,000. M. A. Stewart, mayor of Heavener. Engineer not announced.

Transmission Line — Oklahoma — Chickasha Gas & Electric Co., Chickasha, F. O. Shaefer, pres., plans 35 mi. 13,200 volt electric transmission line from Chickasha to Gracemont, via Anadarko. $60,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, engr.

Transmission Line—Oklahoma—City of Asher made preliminary plans distribution system and electric transmission line from Asher to Wanette. $28,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Transmission Line—Oklahoma—Southern Light & Power Co., Graniff Bldg., Oklahoma City, making preliminary plans 16 mi. 33,000 volt transmission line from Elk City to Sayre. $40,000. E. R. Ernsberger, Braniff Bldg., Oklahoma City, engr.

Diesel Engine and Generator — Ponca City, Okla.—Plans election $100,000 bonds 1,500 hp. diesel engine and generator, for electric light plant. J. W. Crow, city supt.

Golf Course and Swimming Pool—Seattle, Wash.—See "Buildings—Commercial."

Gas Mains—California—Pacific Gas & Electric Co., 245 Market St., San Francisco, plans 12 mi. 6 in. diam. gas mains from Sacramento, to Roseville. $200,000 or more funds provided. Eng. Dept., c/o owners, engrs.

Street Lighting System — Beverly Hills, Calif.—Made plans ornamental street lighting system on Camden Dr., etc., 11,238 ft. 1½ in. and 950 ft. 2 in. conduits, 26,193 ft. cable, etc.

Swimming Pool—Long Beach, Calif.—See "Buildings—Educational, Religious."

Overhead Crossing—Los Angeles, Calif. — City and Los Angeles & Salt Lake Ry., Pacific Electric Bldg., H. C. Mann, asst. ch. engr., making plans overhead crossing at Downey Rd. $200,000.

Street Lighting System — Los Angeles, Calif. — Plans ornamental street lighting system on portions La Jolla Ave., Rampart Blvd., etc. To exceed $25,000.

Gas Mains — Palo Alto, Calif. — Pacific Gas & Electric Co., 245 Market St., San Francisco, plans extending 2 and 4 in. gas mains in East Palo Alto section. $41,765 funds appropriated. Eng. Dept. of owners, engrs.

Tunnel—Montreal, Que.—E. W. Weston, 120 St. James St., obtained charter in name of "Montreal Longueiel Tunnel Co." and plans tunnel below St. Lawrence River connecting Longueuiel with Montreal.

Bids Desired

Comfort Station—Pittsfield, Mass.—City, Mayors Office, taking bids 2 story, brick comfort station, Allen St. J. McArthur Vance, 24 North St., engr.

Tracks—Long Island City, N. Y.—Sept. 24, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, installing tracks of Flushing River Bridge and its approaches for portion of Flushing extension of Queensboro Subway Line, here.

Entrances, etc.—New York, N. Y.—Sept. 24, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., relocating entrances and constructing passageway at Canal St. Station, on 7th Ave.-Lexington Ave. Rapid Transit R.R. at Canal, Varick and Laight Sts., Agreement "ET"; also constructing gate house and wire mesh fence at Westchester Ave. Yard Rapid Transit R.R. at Westchester, Blondell and Waters Aves., Agreement "EW."

Subway——New York, N. Y.—Sept. 24, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 3, Route 105, of Rapid Transit R.R.

Pier Shed—New York, N. Y.—Sept. 24, by M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., pier shed and bulkhead shed for Pier New 35, Jefferson St., East River. Former bids rejected. Noted Aug. 12.

Railroad Crossing—Phila., Pa.—Sept. 27, by Montgomery Smith, purch. agt. Pennsylvania R. R. Co., at 17th and Filbert Sts., railroad crossing, Contr. 40. A. C. Shand, Broad St. Sta., ch. engr. for railroad.

River Terminal—Baton Rouge, La.—Sept. 22, by City, steel car float, concrete transfer terminal platform, etc. for river and rail exchange. $200,000. W. F. Schultz, Shrine

Unclassified (Continued)

Bldg., **Memphis, Tenn.**, engr. Noted June 10.

Silo—Milwaukee, Wis.—Froedtert Grain & Malting Co., 33rd Ave. and Grant St., taking bids rein.-con. grain storage silo and conveyors. To exceed $25,000. Private plans.

Guard Rail—Pocahontas, Ia.—Sept. 21, by Pocahontas Co., 3,100 lin.ft. standard cable guard rail on Laurens-Ayrshire Rd. A. L. Thornton, co. engr.

Reptile House—St. Louis, Mo.—Sept. 24, by Bd. Pub. Serv., 208 City Hall, 2 story and basement, 105 x 160 ft., rein.-con., brick and terra cotta reptile house in Forest Park, for Zoological Bd. Control. $150,000. J. E. Wallace, c/o Bd. Pub. Serv., archt. Noted Sept. 2.

Heating System—Galveston, Tex.—Medical College, University of Texas, c/o J. W. Calhoun, comptroller, Austin, taking bids remodeling heating system, incl. new boiler, service lines and pump, at University Hall, here.

Street Lighting System—Alhambra, Calif.—Taking bids ornamental street lighting system on San Marino Ave., etc. To exceed $35,000.

Bids Received

Fill—Corona (Ind. sta. Flushing), **N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sept. 10, fill in Corona Yard, Route 52, Queens Boro, from Welsh Bros. Contg. Co., 14 Queens St., Long Island City, $12,420. Noted Sept. 2.

Comfort Station—New York, N. Y.—Dept. Parks, Arsenal Bldg., Central Park, Sept. 7, underground comfort station in Poe Park, Bronx Boro, from H. B. Greene Contg. Co., 246 5th Ave., **(A)** $24,600; and from W. V. Kiehnle, 3606 Park Ave. **(B)** $23,150.

Tracks, etc. — New York, N. Y. — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sept. 10, installing tracks, special work and bumping posts in portion Lenox Ave. and 148th St. Yards, from McElroy & Kerwin, Inc., 187 Joralemon St., Brooklyn, **(a)** $58,228 **(b)** $58,153. Noted Sept. 2.

Subway—Phila., Pa.—H. E. Ehlers, dir. Dept. City Transit, 1211 Chestnut St., Sept. 10, laying track in Broad St. Subway, Fern Rock Terminal Yard and shops in yard, Contr. 126, from F. J. Boas, 201 North Broad St., $593,858. Noted Aug. 26.

Contracts Awarded

Foundation—Allston (Sta. Boston), **Mass.**—Edison Electric Illuminating Co., Boylston St., Boston, foundation for electric station addition 36, here, to Eng. Constr. Co., 6 Beacon St., Boston. Engrs. est. $25,000.

Foundation—Boston, Mass.—See "Buildings—Commercial" under "Proposed Work."

Foundation — Mattapan (Sta. Boston), **Mass.** — Dorchester & Mattapan Hebrew School, c/o S. S. Levy, archt., 35 Court St., Boston, plain foundation 3 story and basement, 160 x 180 ft., brick and stone, Morton St., to Marden & Orlando Co., Inc., 333 Washington St., Boston. Archts. est. $25,000. Noted Aug. 5, under "Buildings—Educational, Religious."

Hydro-Electric Development — Stafford Springs, Conn.—Cyril Johnson Woolen Co., Furnace Ave., Stafford, hydro-electric development, incl. rock excav., concrete and steel work, laying water pipe lines and constructing wood and steel canal gates, to Manchester Constr. Co., 876 Main St., Manchester. Engrs. est. $25,000 or more.

Special Work—New York—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, supply of special work (Order 35) in Lenox Ave. Yard, New York City, and (Order 36) in Coney Island Yard, Brooklyn, to Ramapo Ajax Corp., 30 Church St., New York City, $16,088 and $3,619 respectively. Noted Aug. 26.

Under Grade Crossing — Marion, Pa.—Pennsylvania R.R. Co., Broad St. Sta., Phila., undergrade bridge at Race St. and branch grade crossing, rein.-con. slab and half through steel girders, to J. S. Casey, Aspinwall, $250,000.

Elimination of Grade Crossing—Vanport, Pa.—Pennsylvania R.R. Co., Pennsylvania Sta., Pittsburgh, overhead bridge and viaduct, here, to Milliron Constr. Co., Dubois, $50,000.

Underpass—Knoxville, Tenn.—City Manager, concrete underpass, North Bway., to Harrison, Walters & Prater, White Pine, for City, Knox Co. and Southern R.R. Co., 1300 Pennsylvania Ave. $48,007. Noted Aug. 26.

Gas Main—Detroit, Mich.—Detroit City Gas Co., Clifford St., 28,317 lin. ft. 8-in. c.i. gas main in West Warren Ave., to R. A. Mercier, 5435 Wesson Ave., $25,500.

Park Improvements — Appleton, Wis.—J. A. Wood, secy. Park Bd., improving Pierce Park, to Chicago Landscape Co., 79 West Monroe St., Chicago, Ill., $38,646.

Park Improvements—Minneapolis, Minn.—Bd. Park Comrs., City Hall, enlarging diving pool, installing pumping and filtration equipment, etc., at John Deers baths, to J. Leck Co., 211 South 11th St., $51,995. Noted Aug. 19.

Tank—Beaumont, Tex.—Yount Lee Oil Co., twenty 55,000 bbl. tanks of 114 ft. diam., 30 ft. high, conical steel roof, to Petroleum Iron Wks. Co., Sharon, Pa., $1,500,000. Voted Aug. 12.

Pier — Houston, Tex.—See "Buildings — Industrial."

Tanks—Panhandle, Tex.—See "Buildings—Industrial."

Oil Pipe Line — Raymondville, Tex. — Harding-Gill Co., 55 mi. 8 in. oil pipe line, to J. G. McMullen, Orange, approximately $400,000.

Lighting System—Culver City, Calif.—Ornamental lighting system on Washington St. between Sepulveda and Inglewood Blvds., to D. S. McEwan, 2930 Main St., Ocean Park., $32,955.

Street Lighting System—Los Angeles, Calif.—Ornamental street lighting system on Veteran Ave. between Santa Monica and Pico Blvds., to R. A. Wattson, 1029 North McGadden Pl., $187,130.

Materials

Bids Desired

Frogs, Structural Steel etc.—Phila., Pa.—Sept. 20, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., frogs and crossings, Contr. 38; and structural steel, castings, etc. for connections running rails for Bridge 454/70, Contr. 39. A. C. Shand, Broad St., Sta., ch. engr. for railroad.

Frames, etc.—New York, N. Y.—Sept. 22, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 525 street sign frames, 742 enameled street sign plates; also 600,000 gal. fuel oil.

Structural Steel and Galvanized Steel Cable—Phila., Pa.—Sept. 27, by Montgomery Smith, purch. agt. Pennsylvania R. R. Co., at 17th and Filbert Sts., structural steel for bridge, Contr. 41; also galvanized steel cable for Spec. P. 112, Contr. 42. A. C. Shand, Broad St. Sta., ch. engr. for railroad.

Fuel Oil—Chicago, Ill.—Sept. 20, by City, Room 406, City Hall, furnishing and delivering fuel oil in tank trucks required for use during the period ending Dec. 31, at Chicago Ave. 22nd and 68th St. Pumping Stations. A. A. Sprague, comr.

Cable—Melbourne, Australia—Nov. 3, by Victorian Government Railways, 77 mi. 7 strand hard drawn copper cable.

Bids Received

Cement, etc.—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 7, 425 tons asphaltic cement, from Standard Oil Co. of New York, 26 Bway., New York City, $8,870; and 100,000 gal. fuel oil, from Warner Quilan Co., 67 Wall St., New York City, $6,700. Noted Sept. 2.

Contracts Awarded

Rock Asphalt—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, Sept. 10, 400 tons rock asphalt in district bounded by Vanderbilt Ave., Richmond Rd., Clove Rd. to Richmond Terrace, etc., from Natural Rock Asphalt Co., Owensboro, Ky., $7,036. Noted Sept. 2.

Steel—Minneapolis, Minn.—F. S. Gram, city purch. agt., approximately 220 tons fabricated steel for Cedar Ave. Bridge, here, to Minneapolis Steel & Mchy. Co., 2854 Minnehaha Ave. at $94 per ton, total $20,633. Noted July 29.

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